Home/School Learning Pack

Second Level

Name:

School:

Primary:

Renfrewshire Council

How to Use your Home/School Learning Pack

Hello,

Welcome to your learning pack which you can work through at your own pace and in any order that you choose. We recommend that you complete one literacy, one numeracy and perhaps one other activity each day.

The literacy activities are at the front, followed by numeracy and then other learning tasks are at the back.

If you are stuck, you can either ask someone in your family for help or your supporting teacher. If you are still not able to complete the task, please don't worry, simply move on to a different activity.

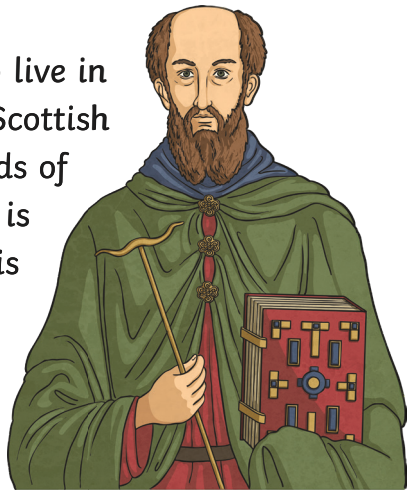
For Parents and Carers - we know that you will do your best to support your child with their learning but we also appreciate how challenging this can be. The most important thing is that we want your child to have a love of learning so have fun learning together!

Take care, stay safe and hopefully it won't be too long before we see you back at school.

Renfrewshire Council

The Loch Ness Monster

The Legend of Loch Ness



The Loch Ness monster, known as Nessie, is said to live in the deep, murky waters of Loch Ness. Loch is a Scottish word for lake. Loch Ness is located in the Highlands of Scotland next to the town of Inverness. The loch is the second largest in Scotland. The deepest part is 812ft and it has been named Nessie's Lair.

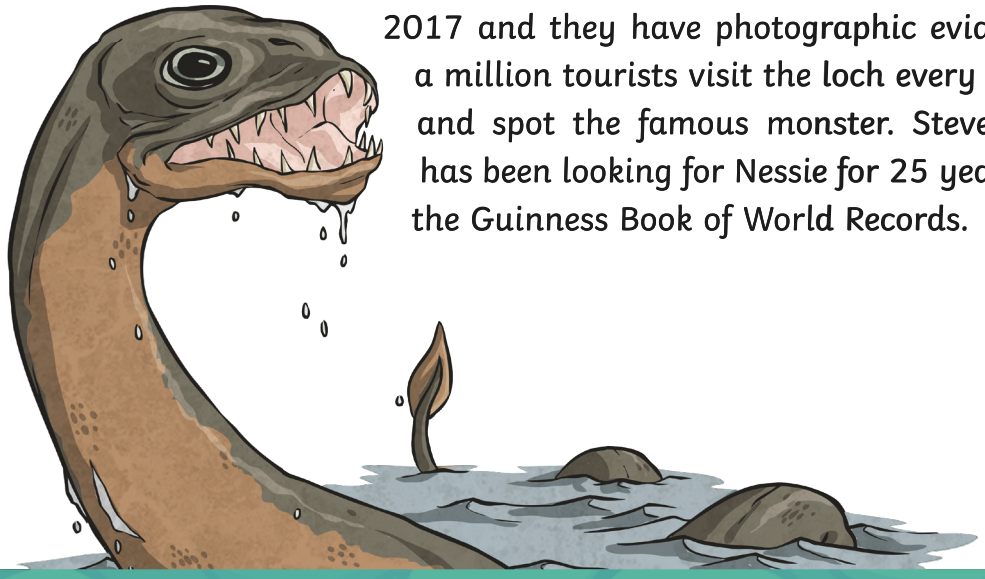
The first story of Nessie, the monster in the loch, dates back to AD 565. A monk called Columba encountered a giant 'water beast' coming out of Loch Ness. Legend tells that Columba said a prayer and scared the monster off.

Believe It or Not?

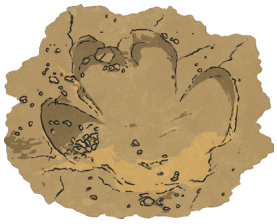
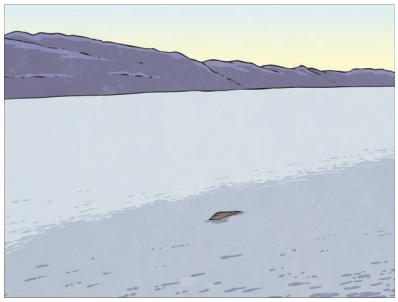
- Some scientists think that Nessie was a marine dinosaur.
- There are over 200 000 Internet searches for Nessie every month.
- Nessie has her own fan club.
- The largest search for the monster cost £1 million.
- Even Scooby Doo has tried to find Nessie – he too was unsuccessful!

Fact or Fiction?

Nobody has ever proved Nessie to be real. However, there have been over 1000 sightings since the legend began; there is even an official website to report a sighting. Three people have already spotted Nessie in 2017 and they have photographic evidence. Over a million tourists visit the loch every year to try and spot the famous monster. Steven Feltham has been looking for Nessie for 25 years. He is in the Guinness Book of World Records.



Famous Nessie Sightings:

Sighting	Evidence	Hoax
In 1934, a surgeon called Robert White reported that he saw Nessie's head coming out of the water.		40 years later, it was uncovered as a toy submarine with a fake head and tail.
In 1935, a hunter claimed he found a footprint on the banks of Loch Ness.		The print was made with a stuffed hippo foot.
In 2012, a boat skipper saw a hump coming out of the loch.		In 2013, the skipper admitted it was a fibreglass model of Nessie.
In 2014, Nessie was spotted on a satellite photo.		It was the wake of a boat.

Questions

1. Where is Loch Ness?

2. Complete the sentence.
   The deepest part of the loch is known as _____

3. What is a lair?

4. What two adjectives were used to describe the loch?

5. When did the legend of Nessie begin and why?

6. What do you think Columba saw in the loch?

7. Why do people lie about seeing Nessie?

8. Do you think Nessie exists? Give a reason for your answer.

9. Draw a line to match the date to the hoax information.

2012	Nessie was spotted on a satellite image.
1935	A skipper said there was a hump in the water.
1934	The surgeon's photo became world-famous.
2014	A hunter said he found Nessie's footprint.

10. Write three facts you have learnt about the Loch Ness monster.

Challenge

You have a photograph of the Loch Ness monster and are about to become world-famous. Write a diary entry about your discovery and draw a picture of your photograph.

Finding Verbs

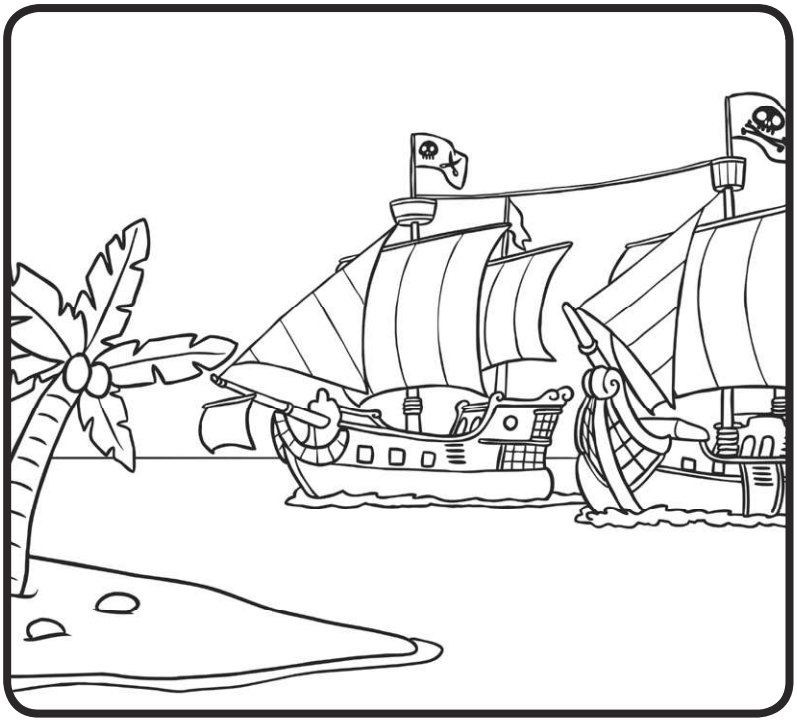
1. Daniel ran in the race.
2. Lilly danced for her exam.
3. Jessica read her favourite books.
4. The rabbit hopped away quickly when the car came past.
5. The sun shone brightly.
6. Guinea pigs eat fresh vegetables.
7. Fish swim in deep and shallow waters.

Now choose 5 of the sentences above and rewrite them below, changing the verbs to make them more exciting.

Example: Daniel sprinted in the race.

twinkl.co.uk

Story Settings Description



Key Words

windy warm hot tropical

beautiful magnificent

noisy dangerous

ferocious swashbuckling

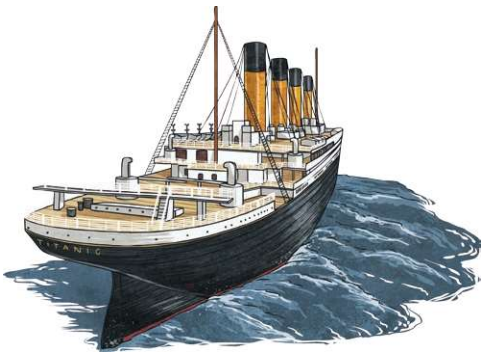
daring sandy exciting

adventurous frightening

Can you write a paragraph about this setting?

Titanic

Titanic was a passenger liner and the largest ship of its time. It carried over 2000 passengers and crew. Its first voyage was from Southampton to New York but the ship never reached its destination.



Building Work

Titanic was built in Belfast, Ireland. It took three years to build and cost millions of dollars.

The ship was constructed so that it had 16 watertight compartments. To keep the ship and passengers safe, these compartments included heavy metal doors which closed in around 30 seconds if any water seeped in. The doors closed slowly to give escaping crew members time to pass through.

Titanic had four funnels. Only three of these funnels worked; the other was to make the ship look more powerful.

Facilities

The boat deck was the highest deck on Titanic. It was called the boat deck as this is where lifeboats were kept. It was a large open space where first and second class passengers could stroll, rest on benches and play games.

The grand staircase was covered by a beautiful glass dome. The centrepiece of the staircase contained a clock.

There was an A La Carte Restaurant for first class passengers, a Parisian-style restaurant and also first, second and third class dining saloons. In addition, there was a pool, two barber shops, two libraries, a gym, Turkish baths, a squash court and lifts. However, the use of these facilities depended on your ticket class.

First Class

Titanic's first class passengers were very rich. They travelled with several suitcases and trunks; some even brought their butlers, maids, dogs or car. The most expensive suites included two bedrooms, two dressing rooms, a sitting room, a bathroom and a private deck, or there were 350 cheaper first class cabins. All the rooms were beautifully decorated.

First class, one way tickets started at roughly £25 (thousands of pounds in today's money) with a suite costing near to £900.

Second Class

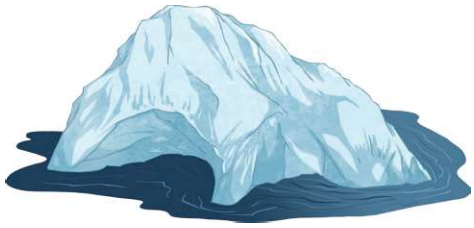
There was a grand dining room for second class passengers. The room was beautifully decorated. Second class rooms slept between two to four people, with a shared bathroom. Second class on Titanic was equal to first class standard on any other ship at the time.

Third Class

Third class travel was much less comfortable and known as 'steerage'. These passengers were not allowed to go to the first and second class areas of the ship and use facilities such as the swimming pool or squash court.

Cabins slept between two and ten people and there were only two bathtubs for all of the 712 third class passengers on board.

Third class tickets cost between £3 and £8. An £8 ticket would be worth around £550 today. This class offered transportation rather than luxury.



Why Didn't She Reach Her Destination?

The Titanic sank in the North Atlantic Ocean on 15th April, 1912 after hitting an iceberg.

Who Was to Blame?

Here a few theories about who was to blame:

Captain Smith was the ship's captain. Many people blamed him for continuing at speed into an unknown area of ice.

There were not enough lifeboats on board to hold all of the passengers and crew. There were only enough lifeboat spaces for 1,178 people when the ship's total capacity was 3,547. Tragically, when the lifeboats were launched, they were not even full.

Captain Lord was the captain of another ship called the Californian. His crew saw rockets being fired into the sky from the Titanic. Captain Lord was informed, but he didn't realise they were warning signals, therefore the ship didn't assist immediately. Also, the Californian's radio operator had finished work for the night meaning the ship didn't pick up the Titanic's distress signals in time to help.

The inquiries into the tragedy concluded that ships must always slow down when entering icy areas, all ships must carry enough lifeboats for everyone onboard and wireless rooms were to be manned around the clock.

Questions

1. Where was Titanic sailing to?

2. How many years did it take to build?

3. What was the purpose of fitting heavy metal doors, which closed slowly, in the watertight compartment areas of the ship?

4. Where were the lifeboats kept?

5. Why do you think third class passengers were not allowed to go up to the first or second class areas of the ship?

6. Can you explain why a second class passenger would have been impressed with their facilities?

7. What was the problem with the lifeboats? Give a detailed response.

8. Which ticket class would you have preferred and why?

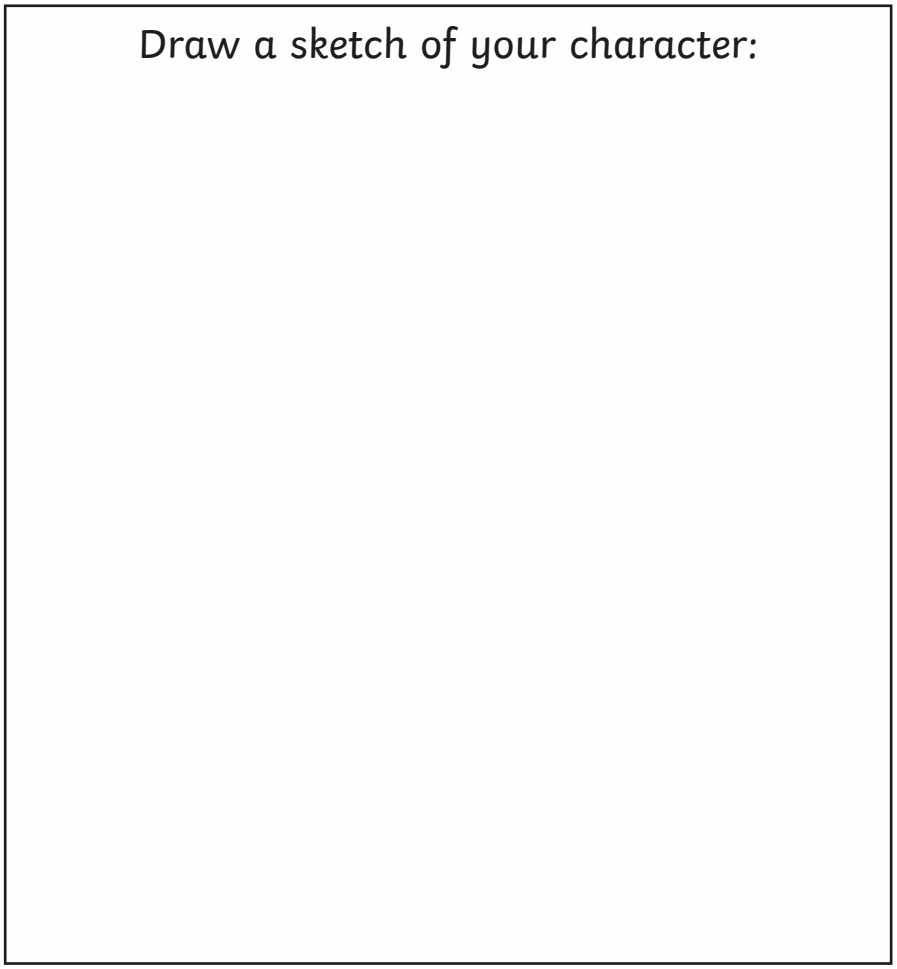
9. What or who do you think was to blame for the disaster? Explain your reasoning.

Character Profile

Character name

Appearance:

Draw a sketch of your character:



Personality:

Actions: What does your character **do** in the story?

Change:

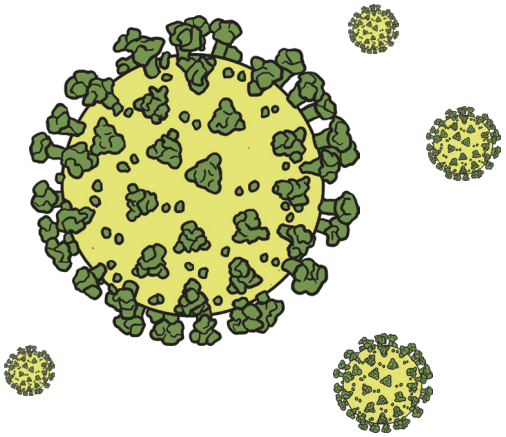
How to Wash Your Hands Properly

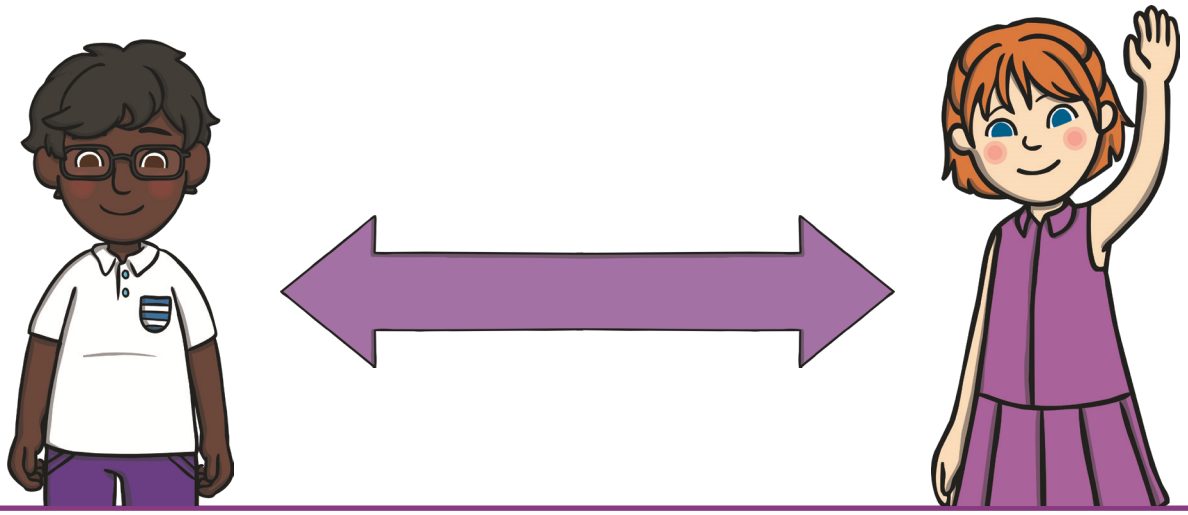
You will need:

twinkl.com

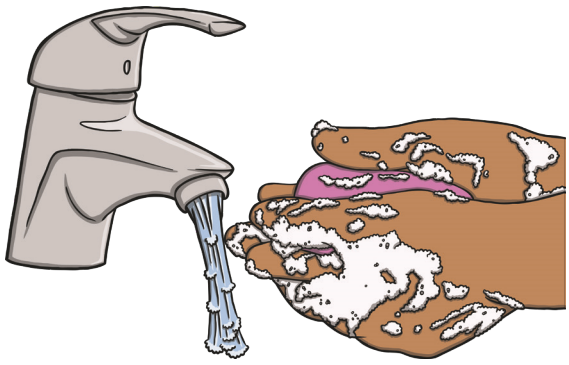
Social Distancing

COVID-19 is a virus that has spread around the world and made lots of people ill. If someone with the virus coughs, sneezes or touches things, the virus can get into the air or onto surfaces. People who are close by might catch the virus by breathing it in or getting it on their hands.





One way to stop the virus from spreading is social distancing. This means staying two metres away from people that we do not live with. Social distancing stops the virus spreading because the virus cannot travel two metres in the air.



Washing our hands lots of times every day can also stop the virus from spreading. If the virus is on our hands, soap and water will kill it and prevent us from catching it.

Questions

1. What is COVID-19?

_____

2. How can COVID-19 spread? Tick one.

- ◯ by washing your hands
- ◯ if someone with the virus coughs, sneezes or touches a surface
- ◯ by staying at home

3. Find a word in the text that means **stop.**

_____

4. Number the sentences to show the order they come in the text.
The first one has been done for you.

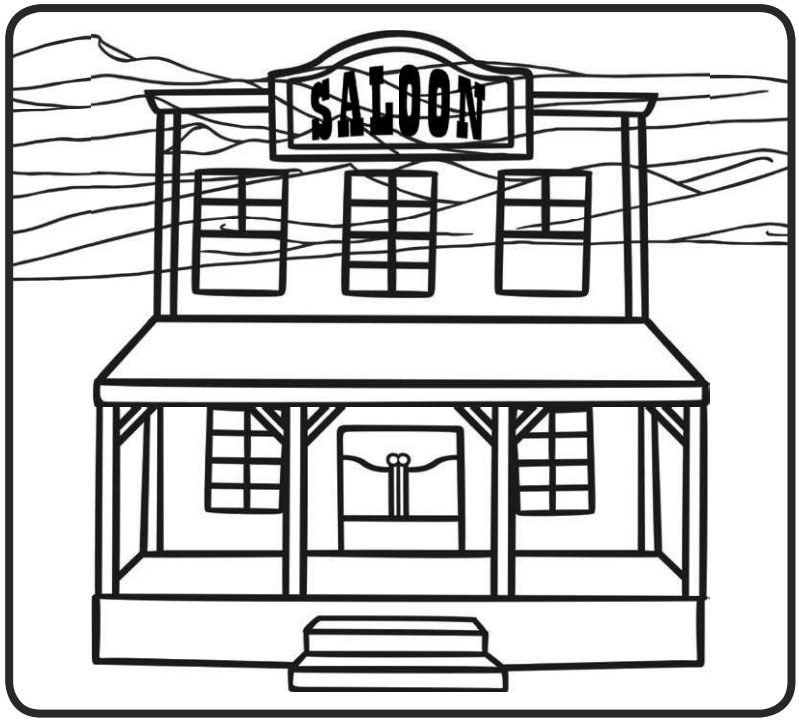
- ☐ One way to stop the virus from spreading is social distancing.
- ☐ Washing our hands lots of times every day can also stop the virus from spreading.
- ☐ **1** COVID-19 is a virus that has spread around the world and made lots of people ill.
- ☐ This means staying two metres away from people that we do not live with.

5. How can we stop COVID-19 from spreading?

_____

6. Draw a picture and write a sentence to describe social distancing.

Story Settings Description



Key Words

sandy dusty hot

scorching bright

dry warm old wild

wooden old-fashioned

unattractive dirty filthy

arid

Can you write a paragraph about this setting?

My Book Review

Title: _____

Author: _____

Did you like the book?

Rate the book by colouring in the stars.

What was your favourite part?

_____

_____

_____

_____

Draw your favourite scene from the book.

3-Digit Place Value Activity Book

Place Value 3-Digit Number Challenge

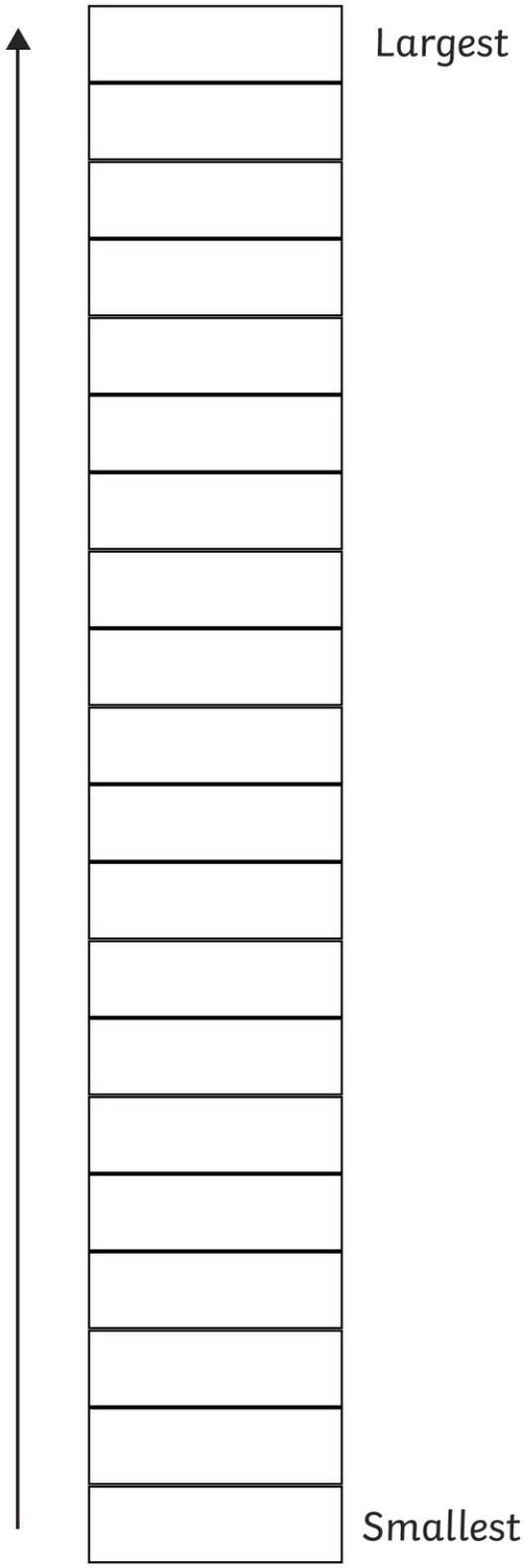
Write a single-digit number in each star.

What is the...	
largest 3-digit number you can make?	
smallest 3-digit number you can make?	
largest odd 3-digit number?	
largest even 3-digit number?	
smallest odd 3-digit number?	
smallest even 3-digit number?	
largest 3-digit number rounded to the nearest 10?	
largest 3-digit number rounded to the nearest 100?	
smallest 3-digit number rounded to the nearest 10?	
smallest 3-digit number rounded to the nearest 100?	

Ordering 3-Digit Numbers

256	111	369	456	578	219	689	126	905	888
245	299	365	499	587	909	500	611	857	303

Compare and order the numbers above, from smallest to largest.



Writing 3-Digit Numbers in Words

Write these 3-digit numbers in words. The first one has been done for you.

Number	Words
516	five hundred and sixteen
101	
633	
987	
542	
218	
369	
444	
705	
811	
246	
349	
903	
555	
175	
867	

Finding the Value of 3-Digit Numbers

Find the value of the underlined number. The first one has been done for you.

Number	Value in Words	Value in Numbers
5<u>1</u>6	six	6
<u>1</u>01		
63<u>3</u>		
9<u>8</u>7		
54<u>2</u>		
2<u>1</u>8		
3<u>6</u>9		
44<u>4</u>		
<u>7</u>05		
8<u>1</u>1		
24<u>6</u>		
3<u>4</u>9		
<u>9</u>03		
5<u>5</u>5		
17<u>5</u>		
6<u>3</u>3		

Reading and Writing 3-Digit Numbers

Write these numbers into the place value chart.

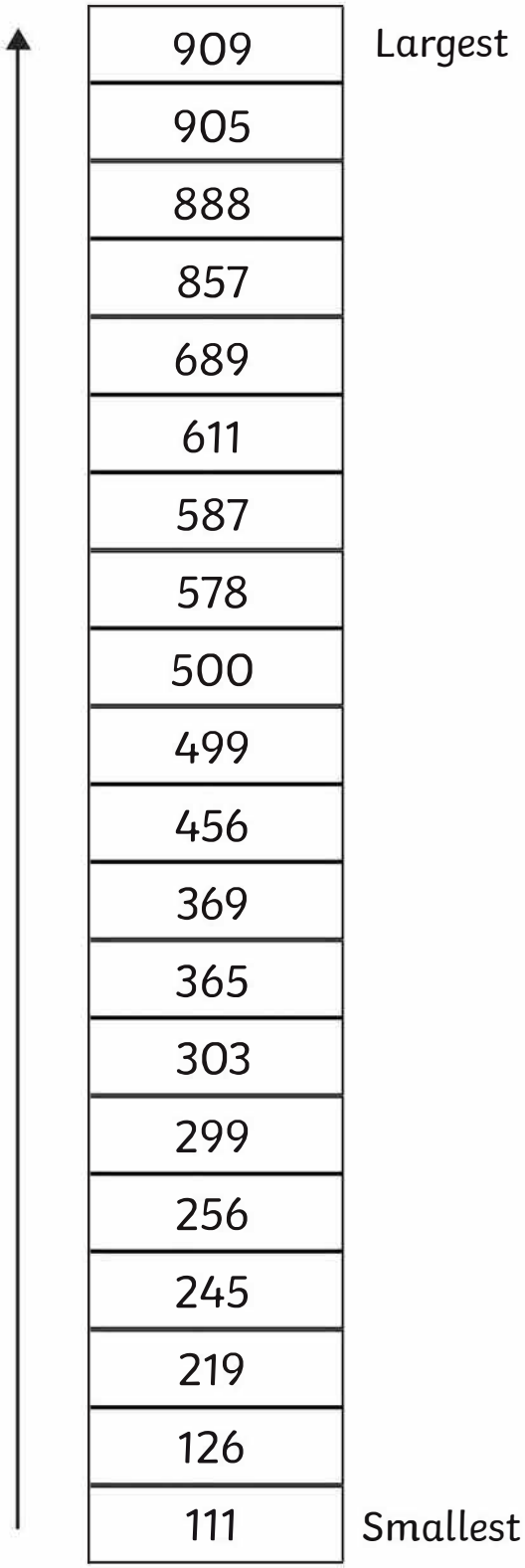
five hundred and two ✓	two hundred and thirty-seven	nine hundred and twelve
four hundred and fifty	six hundred and eighty-four	three hundred and ten
seven hundred and forty-five	eight hundred and sixty-nine	nine hundred and two
one hundred and seventy-eight	six hundred and one	four hundred and twenty-two

Hundreds	Tens	Ones
5	0	2

Ordering 3-Digit Numbers - Answers

256	111	369	456	578	219	689	126	905	888
245	299	365	499	587	909	500	611	857	303

Compare and order the numbers above, from smallest to largest.



Writing 3-Digit Numbers in Words Answers

Number	Words
516	five hundred and sixteen
101	one hundred and one
633	six hundred and thirty-three
987	nine hundred and eighty-seven
542	five hundred and forty-two
218	two hundred and eighteen
369	three hundred and sixty-nine
444	four hundred and forty-four
705	seven hundred and five
811	eight hundred and eleven
246	two hundred and forty-six
349	three hundred and forty-nine
903	nine hundred and three
555	five hundred and fifty-five
175	one hundred and seventy-five
867	eight hundred and sixty-seven

Finding the Value of 3-Digit Numbers Answers

Number	Value in Words	Value in Numbers
51<u>6</u>	six	6
<u>1</u>01	one hundred	100
63<u>3</u>	three	3
9<u>8</u>7	eighty	80
54<u>2</u>	two	2
2<u>1</u>8	ten	10
3<u>6</u>9	sixty	60
44<u>4</u>	four	4
<u>7</u>05	seven hundred	700
8<u>1</u>1	ten	10
24<u>6</u>	six	6
3<u>4</u>9	forty	40
<u>9</u>03	nine hundred	900
5<u>5</u>5	fifty	50
17<u>5</u>	five	5
6<u>3</u>3	thirty	30

Reading and Writing 3-Digit Numbers

Write these numbers into the place value chart.

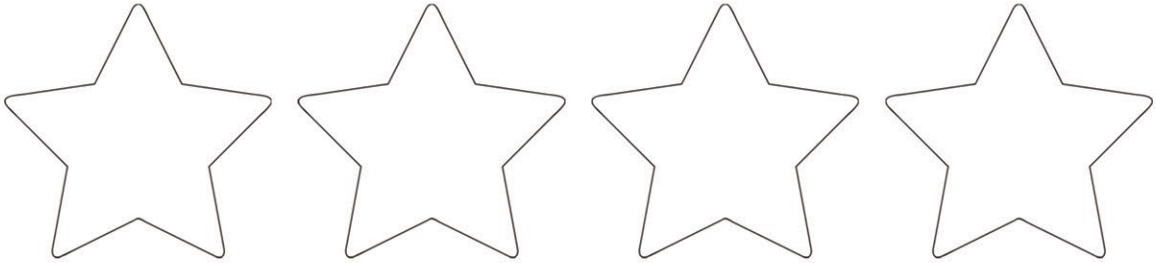
five hundred and two ✓	two hundred and thirty-seven	nine hundred and twelve
four hundred and fifty	six hundred and eighty-four	three hundred and ten
seven hundred and forty-five	eight hundred and sixty-nine	nine hundred and two
one hundred and seventy-eight	six hundred and one	four hundred and twenty-two

Hundreds	Tens	Ones
5	0	2
2	3	7
9	1	2
4	5	0
6	8	4
3	1	0
7	4	5
8	6	9
9	0	2
1	7	8
6	0	1
4	2	2

4-Digit Place Value Activity Book

Place Value 4-Digit Number Challenge

Write a single-digit number in each star.

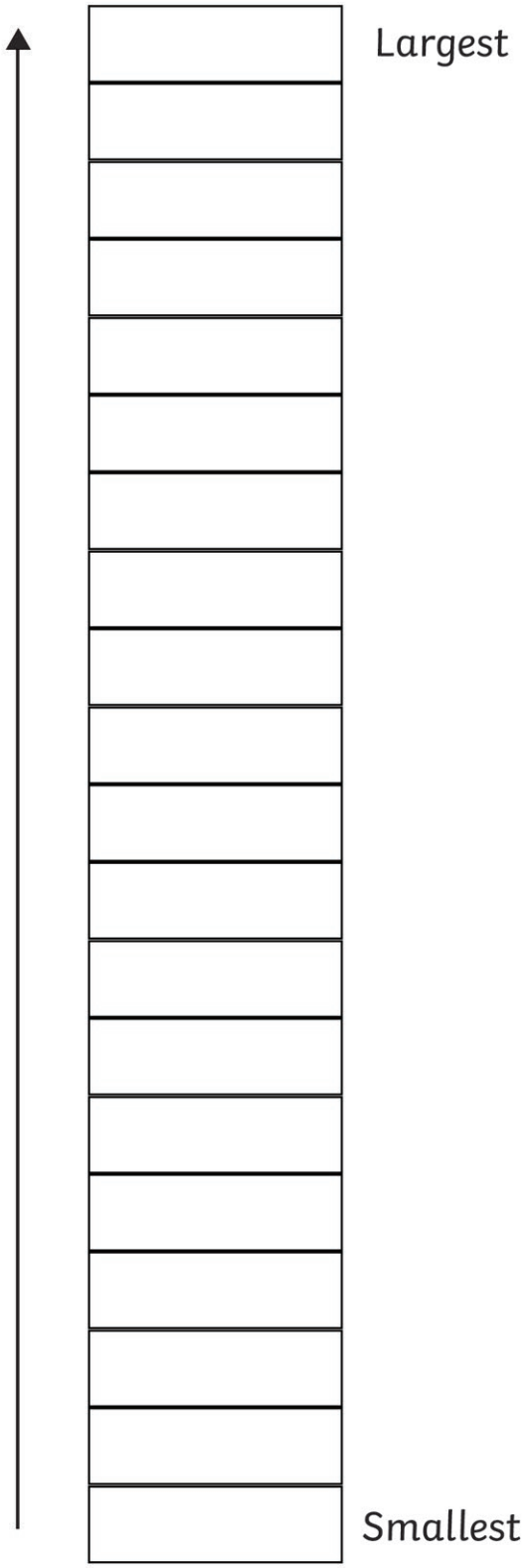


What is the...	
largest 4-digit number you can make?	
smallest 4-digit number you can make?	
largest odd 4-digit number?	
largest even 4-digit number?	
smallest odd 4-digit number?	
smallest even 4-digit number?	
largest 4-digit number rounded to the nearest 10?	
largest 4-digit number rounded to the nearest 100?	
smallest 4-digit number rounded to the nearest 10?	
smallest 4-digit number rounded to the nearest 100?	

Ordering 4-Digit Numbers

2156	1211	5369	1456	5786	2191	6819	1126	9105	8888
2145	2399	1365	9499	5876	9091	5010	6151	8527	3013

Compare and order the numbers above, from smallest to largest.



Writing 4-Digit Numbers in Words

Write these 4-digit numbers in words. The first one has been done for you.

Number	Words
3116	three thousand, one hundred and sixteen
1201	
6373	
9087	
5412	
1215	
3619	
4544	
7015	
8911	
2146	
3549	
9103	
5155	
1705	
6003	

Finding the Value of 4-Digit Numbers

Find the value of the underlined number. The first one has been done for you.

Number	Value in Words	Value in Numbers
3<u>1</u>16	one hundred	100
<u>1</u>201		
6<u>3</u>73		
90<u>8</u>7		
5<u>4</u>12		
121<u>5</u>		
3<u>6</u>19		
<u>4</u>544		
701<u>5</u>		
89<u>1</u>1		
2<u>1</u>46		
354<u>9</u>		
9<u>1</u>03		
51<u>5</u>5		
<u>1</u>705		
600<u>3</u>		

Reading and Writing 4-Digit Numbers

Write these numbers into the place value chart.

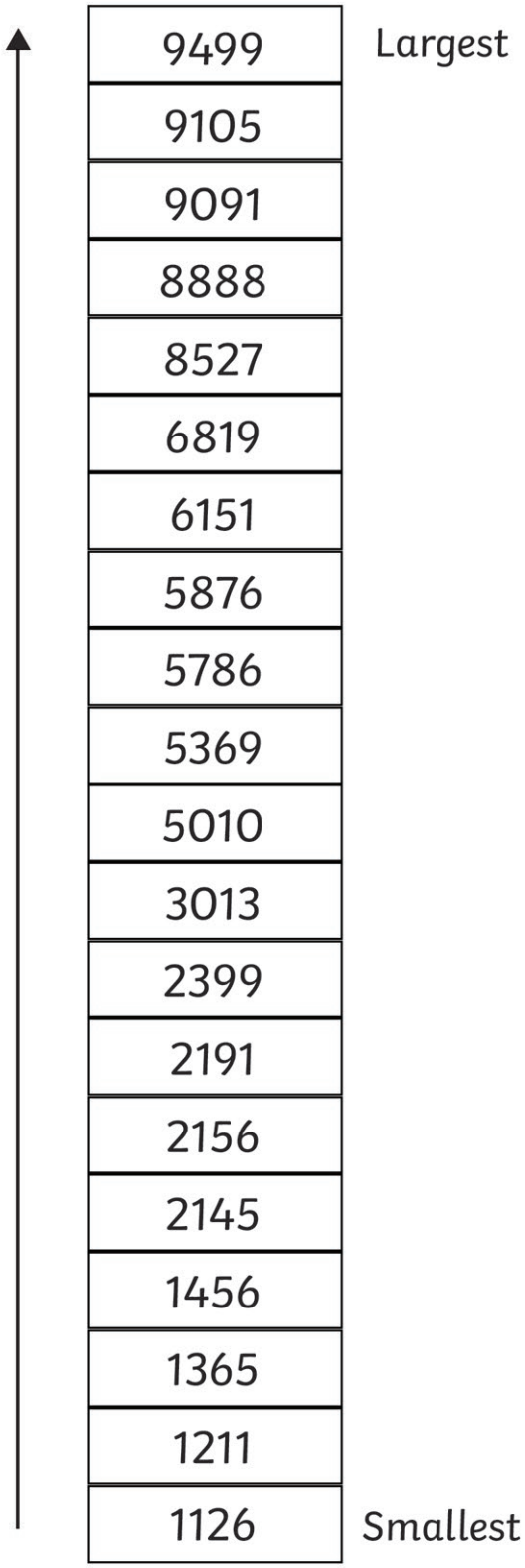
two thousand, five hundred and two ✓	six thousand, two hundred and thirty-seven	three thousand, nine hundred and twelve
four thousand, four hundred and fifty	five thousand and eighty-four	nine thousand, three hundred and seventy-seven
eight thousand and five	one thousand, eight hundred and sixty-nine	nine thousand, nine hundred and two
five thousand, one hundred and seventy-eight	six thousand six hundred	seven thousand, four hundred and twenty-two

Thousands	Hundreds	Tens	Ones
2	5	0	2

Ordering 4-Digit Numbers - Answers

2156	1211	5369	1456	5786	2191	6819	1126	9105	8888
2145	2399	1365	9499	5876	9091	5010	6151	8527	3013

Compare and order the numbers above, from smallest to largest.



Writing 4-Digit Numbers in Words Answers

Number	Words
3116	three thousand, one hundred and sixteen
1201	one thousand, two hundred and one
6373	six thousand, three hundred and seventy-three
9087	nine thousand and eighty-seven
5412	five thousand, four hundred and twelve
1215	one thousand, two hundred and fifteen
3619	three thousand, six hundred and nineteen
4544	four thousand, five hundred and forty-four
7015	seven thousand and fifteen
8911	eight thousand, nine hundred and eleven
2146	two thousand, one hundred and forty-six
3549	three thousand, five hundred and forty-nine
9103	nine thousand, one hundred and three
5155	five thousand, one hundred and fifty-five
1705	one thousand, seven hundred and five
6003	six thousand and three

Finding the Value of 4-Digit Numbers

Find the value of the underlined number. The first one has been done for you.

Number	Value in Words	Value in Numbers
3<u>1</u>16	one hundred	100
<u>1</u>201	one thousand	1000
6<u>3</u>73	three hundred	300
90<u>8</u>7	eighty	80
5<u>4</u>12	four hundred	400
121<u>5</u>	five	5
3<u>6</u>19	six hundred	600
<u>4</u>544	four thousand	4000
701<u>5</u>	five	5
89<u>1</u>1	ten	10
2<u>1</u>46	one hundred	100
354<u>9</u>	nine	9
9<u>1</u>03	one hundred	100
51<u>5</u>5	fifty	50
<u>1</u>705	one thousand	1000
600<u>3</u>	three	3

Reading and Writing 4-Digit Numbers Answers

two thousand, five hundred and two ✓	six thousand, two hundred and thirty-seven	three thousand, nine hundred and twelve
four thousand, four hundred and fifty	five thousand and eighty-four	nine thousand, three hundred and seventy-seven
eight thousand and five	one thousand, eight hundred and sixty-nine	nine thousand, nine hundred and two
five thousand, one hundred and seventy-eight	six thousand six hundred	seven thousand, four hundred and twenty-two

Thousands	Hundreds	Tens	Ones
2	5	0	2
6	2	3	7
3	9	1	2
4	4	5	0
5	0	8	4
9	3	7	7
8	0	0	5
1	8	6	9
9	9	0	2
5	1	7	8
6	6	0	0
7	4	2	2

On the Run

Decide who will be the 'Cop' and who will be the 'Robber'. Place your counter on the starting point on the board. Taking turns, move your counter on the board, answering the question you land on. If the answer is incorrect, move your counter back to the previous position. If the 'Cop' captures the 'Robber' by landing on the same hexagon as the 'Robber' then the 'Cop' wins. If the 'Robber' manages to reach the opposite end of the board without being captured, the 'Robber' wins.

'Cop' Starting Point

535 - 238	482 + 289	842 - 253	583 + 34	536 - 369
838 + 269	956 - 435	586 - 254	697 + 396	
683 + 59	586 - 28	85 + 59	234 - 143	482 - 295
395 + 69	593 - 253	959 - 73	493 + 259	
47 + 592	448 - 298	482 - 423	935 + 295	582 - 285
583 + 104	395 - 284	528 + 129	953 - 284	
827 - 94	285 - 57	582 + 58	483 + 482	425 - 234
487 + 489	405 - 284	485 + 985	485 - 392	

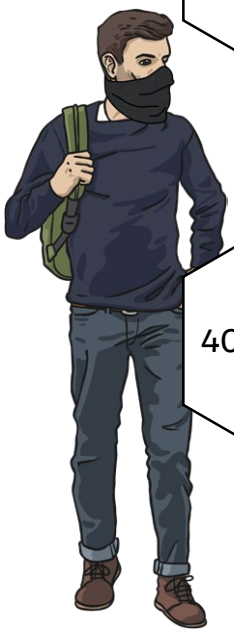
'Robber' Starting Point

On the Run

Decide who will be the 'Cop' and who will be the 'Robber'. Place your counter on the starting point on the board. Taking turns, move your counter on the board, answering the question you land on. If the answer is incorrect, move your counter back to the previous position. If the 'Cop' captures the 'Robber' by landing on the same hexagon as the 'Robber' then the 'Cop' wins. If the 'Robber' manages to reach the opposite end of the board without being captured, the 'Robber' wins.

'Cop' Starting Point

586 + 2494	4964 - 3144	535 + 209	4955 + 2952	4952 - 1934
9853 - 2956	4925 + 2950	9258 - 2985	9598 + 598	
4928 + 2985	2985 - 582	9838 - 5828	9825 + 5982	4985 - 2384
4858 + 284	4387 - 2848	3805 - 1382	4985 - 2455	
9908 - 2843	2985 + 598	5982 + 1049	2985 + 2985	9093 + 4898
3085 - 498	5983 - 3889	5194 + 1309	4982 - 3482	
4094 - 3928	8375 - 1984	498 + 2985	9683 + 9825	2385 - 958
583 + 3093	7983 - 2985	4982 + 2098	4645 - 3239	



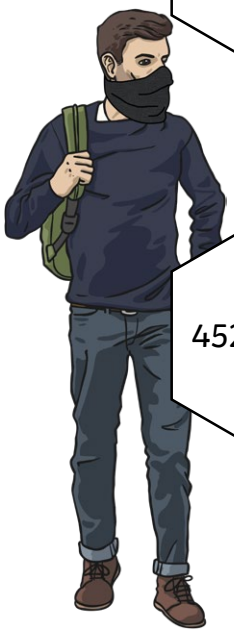
'Robber' Starting Point

On the Run

Decide who will be the 'Cop' and who will be the 'Robber'. Place your counter on the starting point on the board. Taking turns, move your counter on the board, answering the question you land on. If the answer is incorrect, move your counter back to the previous position. If the 'Cop' captures the 'Robber' by landing on the same hexagon as the 'Robber' then the 'Cop' wins. If the 'Robber' manages to reach the opposite end of the board without being captured, the 'Robber' wins.

'Cop' Starting Point

5983 + 9583	9285 - 4782	2985 - 1983	8472 + 2985	4825 + 6898
589.5 + 205.9	4598 - 3294	5926 + 9038	495.6 + 298.9	
5985 - 2985	2952 + 5303	498.6 - 395.3	2958 + 9853	9885 - 4982
5993 - 498	958 + 5982	9856 - 2895	509.6 - 295.4	
4985 + 593.5	598.4 + 509.5	9485 + 3985	5895 - 3482	4398 - 2948
3098 - 597	4985 - 3938	3984 + 4982	492.5 + 298.5	
4529 - 2938	4858 + 598	2985.5 + 5985.5	4985 - 2948	9485 - 3844
3484 + 598	4853 - 3984	5498 + 5983	334.4 - 198.3	



'Robber' Starting Point

On the Run **Answers**

Decide who will be the 'Cop' and who will be the 'Robber'. Place your counter on the starting point on the board. Taking turns, move your counter on the board, answering the question you land on. If the answer is incorrect, move your counter back to the previous position. If the 'Cop' captures the 'Robber' by landing on the same hexagon as the 'Robber' then the 'Cop' wins. If the 'Robber' manages to reach the opposite end of the board without being captured, the 'Robber' wins.

'Cop' Starting Point

535 - 238 **297**	482 + 289 **771**	842 - 253 **589**	583 + 34 **617**	536 - 369 **167**
838 + 269 **1107**	956 - 435 **521**	586 - 254 **332**	697 + 396 **1093**	
683 + 59 **742**	586 - 28 **558**	85 + 59 **144**	234 - 143 **91**	482 - 295 **187**
395 + 69 **464**	593 - 253 **340**	959 - 73 **886**	493 + 259 **752**	
47 + 592 **639**	448 - 298 **150**	482 - 423 **59**	935 + 295 **1230**	582 - 285 **297**
583 + 104 **687**	395 - 284 **111**	528 + 129 **657**	953 - 284 **669**	
827 - 94 **733**	285 - 57 **228**	582 + 58 **640**	483 + 482 **965**	425 - 234 **191**
487 + 489 **976**	405 - 284 **121**	485 + 985 **1470**	485 - 392 **93**	

'Robber' Starting Point

On the Run **Answers**

Decide who will be the 'Cop' and who will be the 'Robber'. Place your counter on the starting point on the board. Taking turns, move your counter on the board, answering the question you land on. If the answer is incorrect, move your counter back to the previous position. If the 'Cop' captures the 'Robber' by landing on the same hexagon as the 'Robber' then the 'Cop' wins. If the 'Robber' manages to reach the opposite end of the board without being captured, the 'Robber' wins.

'Cop' Starting Point

586 + 2494 **3080**	4964 - 3144 **1820**	535 + 209 **744**	4955 + 2952 **7907**	4952 - 1934 **3018**
9853 - 2956 **6897**	4925 + 2950 **7875**	9258 - 2985 **6273**	9598 + 598 **10 196**	
4928 + 2985 **7913**	2985 - 582 **2403**	9838 - 5828 **4010**	9825 + 5982 **15 807**	4985 - 2384 **2601**
4858 + 284 **5142**	4387 - 2848 **1539**	3805 - 1382 **2423**	4985 - 2455 **2530**	
9908 - 2843 **7065**	2985 + 598 **3583**	5982 + 1049 **7031**	2985 + 2985 **5970**	9093 + 4898 **13 991**
3085 - 498 **2587**	5983 - 3889 **2094**	5194 + 1309 **6503**	4982 - 3482 **1500**	
4094 - 3928 **166**	8375 - 1984 **6391**	498 + 2985 **3483**	9683 + 9825 **19 508**	2385 - 958 **1427**
583 + 3093 **3676**	7983 - 2985 **4998**	4982 + 2098 **7080**	4645 - 3239 **1406**	

'Robber' Starting Point

On the Run **Answers**

Decide who will be the 'Cop' and who will be the 'Robber'. Place your counter on the starting point on the board. Taking turns, move your counter on the board, answering the question you land on. If the answer is incorrect, move your counter back to the previous position. If the 'Cop' captures the 'Robber' by landing on the same hexagon as the 'Robber' then the 'Cop' wins. If the 'Robber' manages to reach the opposite end of the board without being captured, the 'Robber' wins.

'Cop' Starting Point

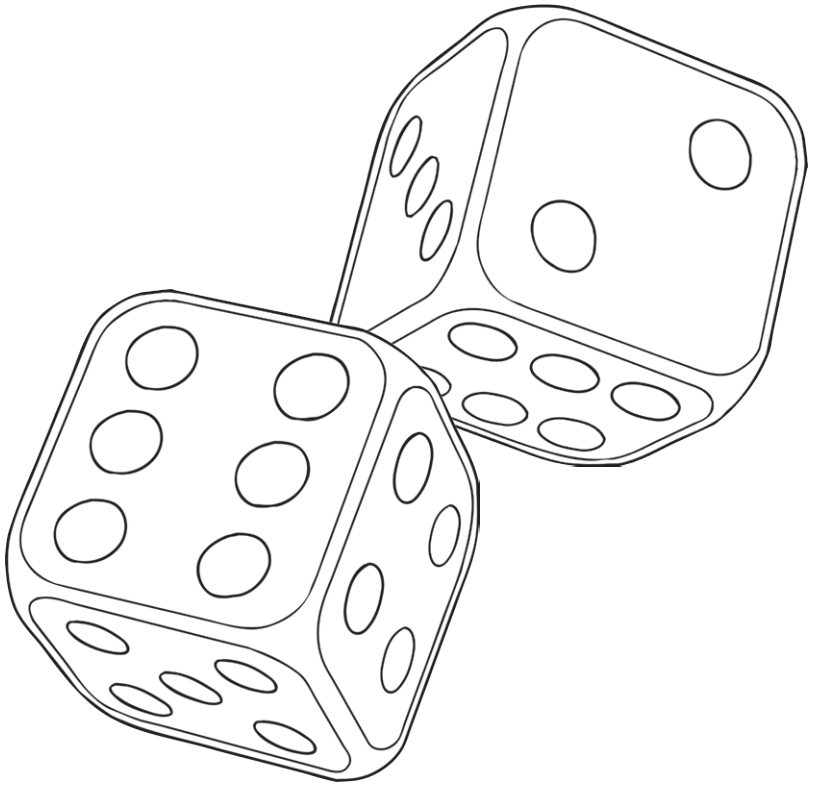
5983 + 9583 **15 566**	9285 - 4782 **4503**	2985 - 1983 **1002**	8472 + 2985 **11 457**	4825 + 6898 **11 723**
589.5 + 205.9 **795.4**	4598 - 3294 **1304**	5926 + 9038 **14 964**	495.6 + 298.9 **794.4**	
5985 - 2985 **3000**	2952 + 5303 **8255**	498.6 - 395.3 **103.3**	2958 + 9853 **12 811**	9885 - 4982 **4903**
5993 - 498 **5495**	958 + 5982 **6940**	9856 - 2895 **6961**	509.6 - 295.4 **214.2**	
4985 + 593.5 **5578.5**	598.4 + 509.5 **1107.9**	9485 + 3985 **13 470**	5895 - 3482 **2413**	4398 - 2948 **1450**
3098 - 597 **2501**	4985 - 3938 **1047**	3984 + 4982 **8966**	492.5 + 298.5 **791**	
4529 - 2938 **1591**	4858 + 598 **5456**	2985.5 + 5985.5 **8971**	4985 - 2948 **2037**	9485 - 3844 **5641**
3484 + 598 **4082**	4853 - 3984 **869**	5498 + 5983 **11 481**	334.4 - 198.3 **136.1**	

'Robber' Starting Point

Multiplication Dice Game

How to play:

1. Roll the die.
2. Multiply the number by two or three.
3. Colour your answer on the grid.
4. The first person to colour three in a row wins!



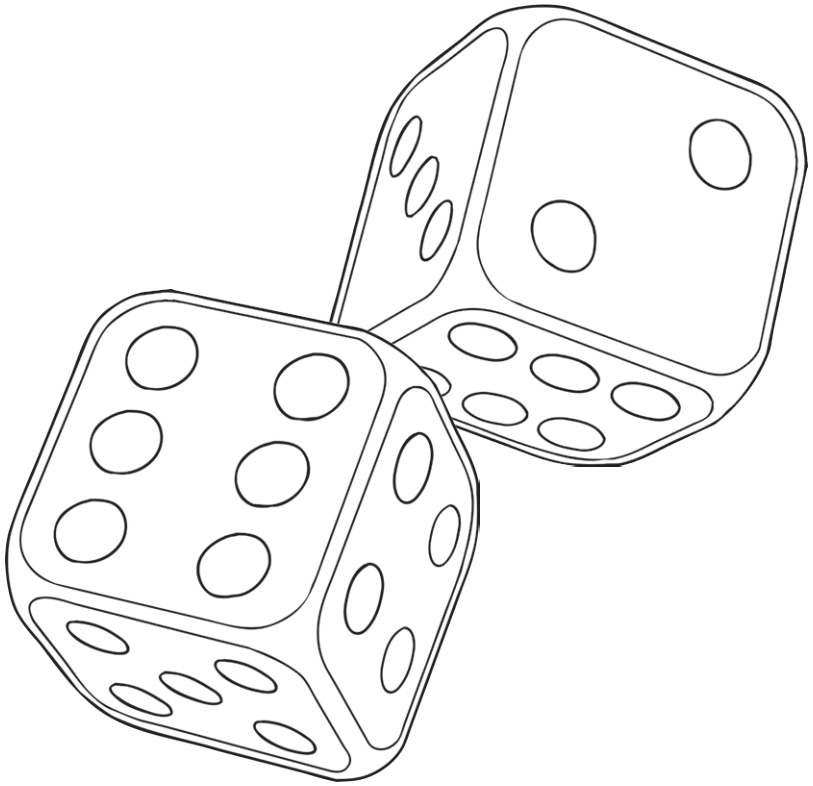
2	18	6	3
4	10	12	4
8	6	2	8
12	9	15	3

visit twinkl.com

Multiplication Dice Game

How to play:

1. Roll the dice.
2. Multiply your two numbers.
3. Colour your answer on the grid.
4. The first person to colour four in a row wins!

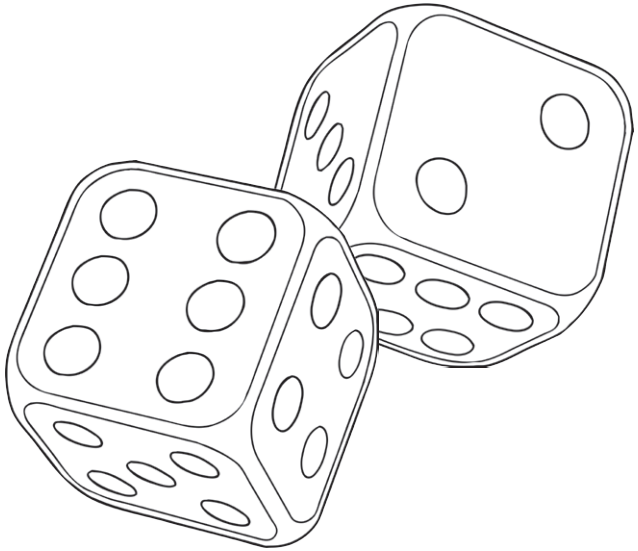


18	12	24	8	10	24	6	15
36	30	12	9	2	5	4	18
4	24	4	8	6	8	15	3
10	12	25	15	20	6	16	8
36	12	12	30	5	12	5	30
10	25	1	9	5	6	10	20
18	20	9	10	16	15	4	3
1	30	4	20	2	3	6	15

Multiplication Dice Game

How to play:

1. Roll the dice.
2. Multiply the number by two and remember the answer.
3. Roll 1 die again and take away the number from your answer. If the final answer is below 0, then re-roll the two dice.
4. Colour your answer on the grid.
5. The first person to colour five in a row wins!



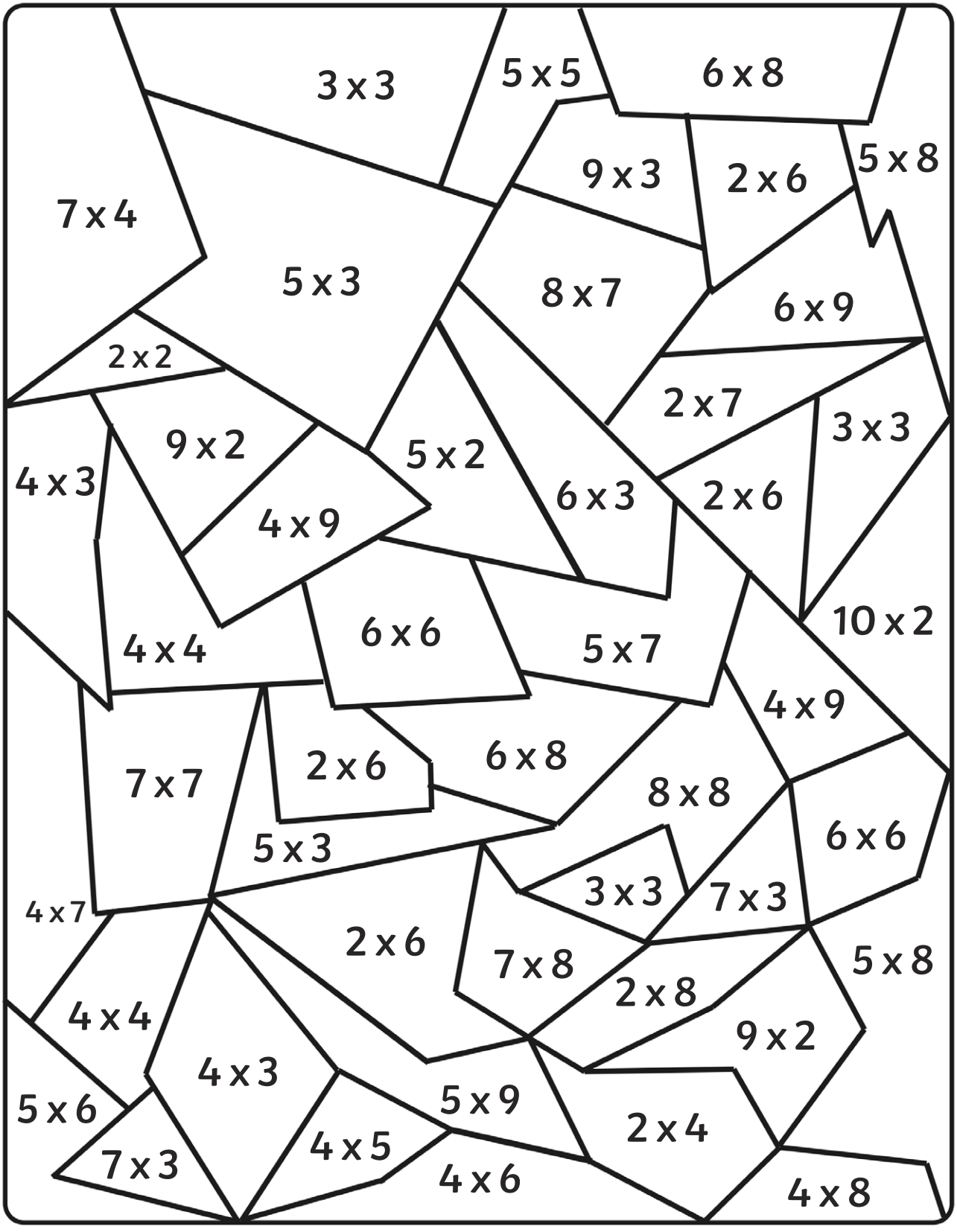
2	3	30	6	21	12	26	5
20	8	15	20	22	19	4	27
33	8	16	10	34	1	28	25
15	26	11	29	24	7	24	12
18	7	23	1	17	4	13	28
5	35	13	19	6	32	14	23
2	25	17	31	21	27	22	29
16	10	9	14	11	18	3	9

visit twinkl.com

Colour by Multiplication

Do the multiplication calculation and colour the shape in the correct colour.

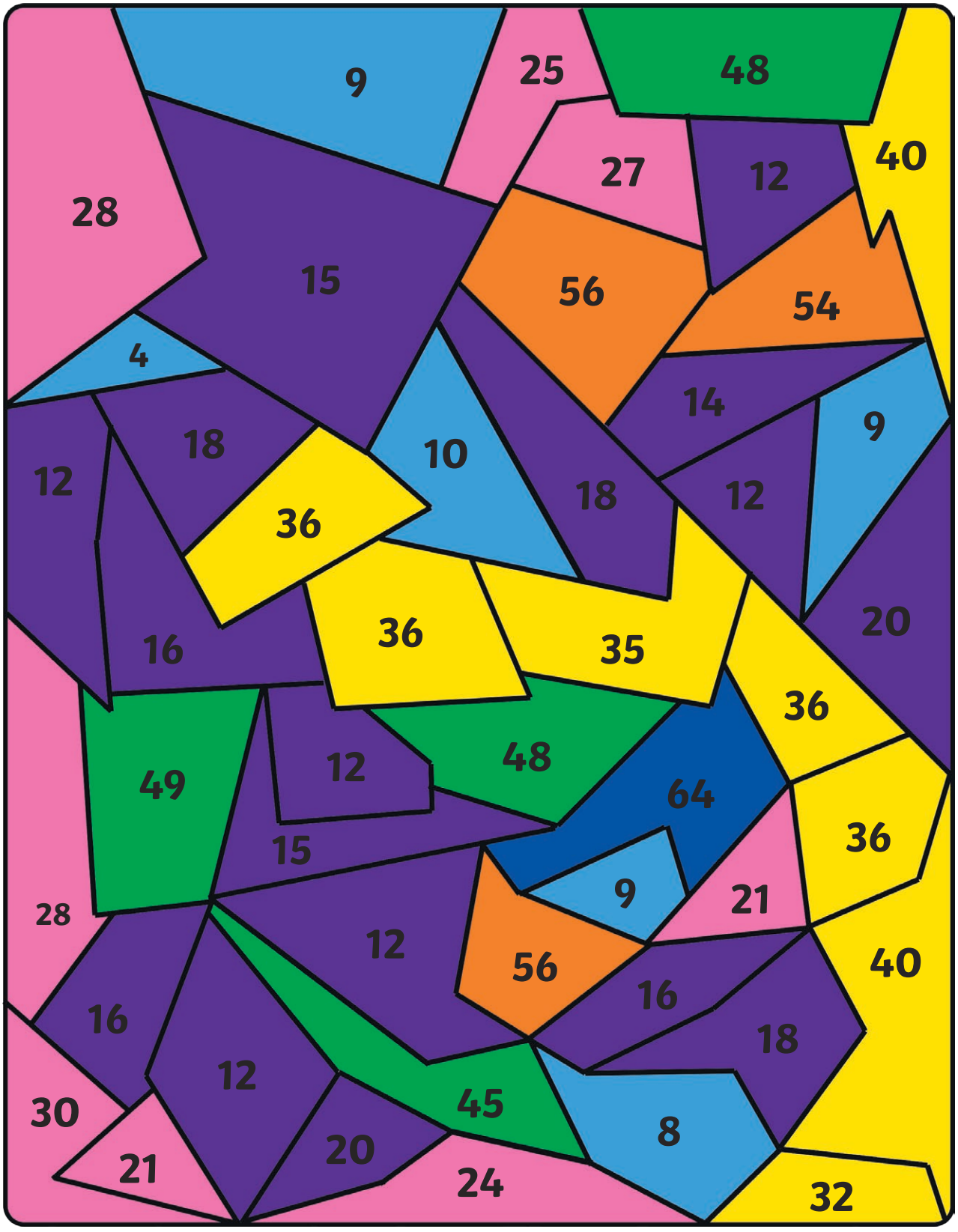
0-10	11-20	21-30	31-40	41-50	51-60	61-70
light blue	purple	pink	yellow	green	orange	dark blue



visit twinkl.com

Colour by Multiplication **Answers**

0-10	11-20	21-30	31-40	41-50	51-60	61-70
light blue	purple	pink	yellow	green	orange	dark blue

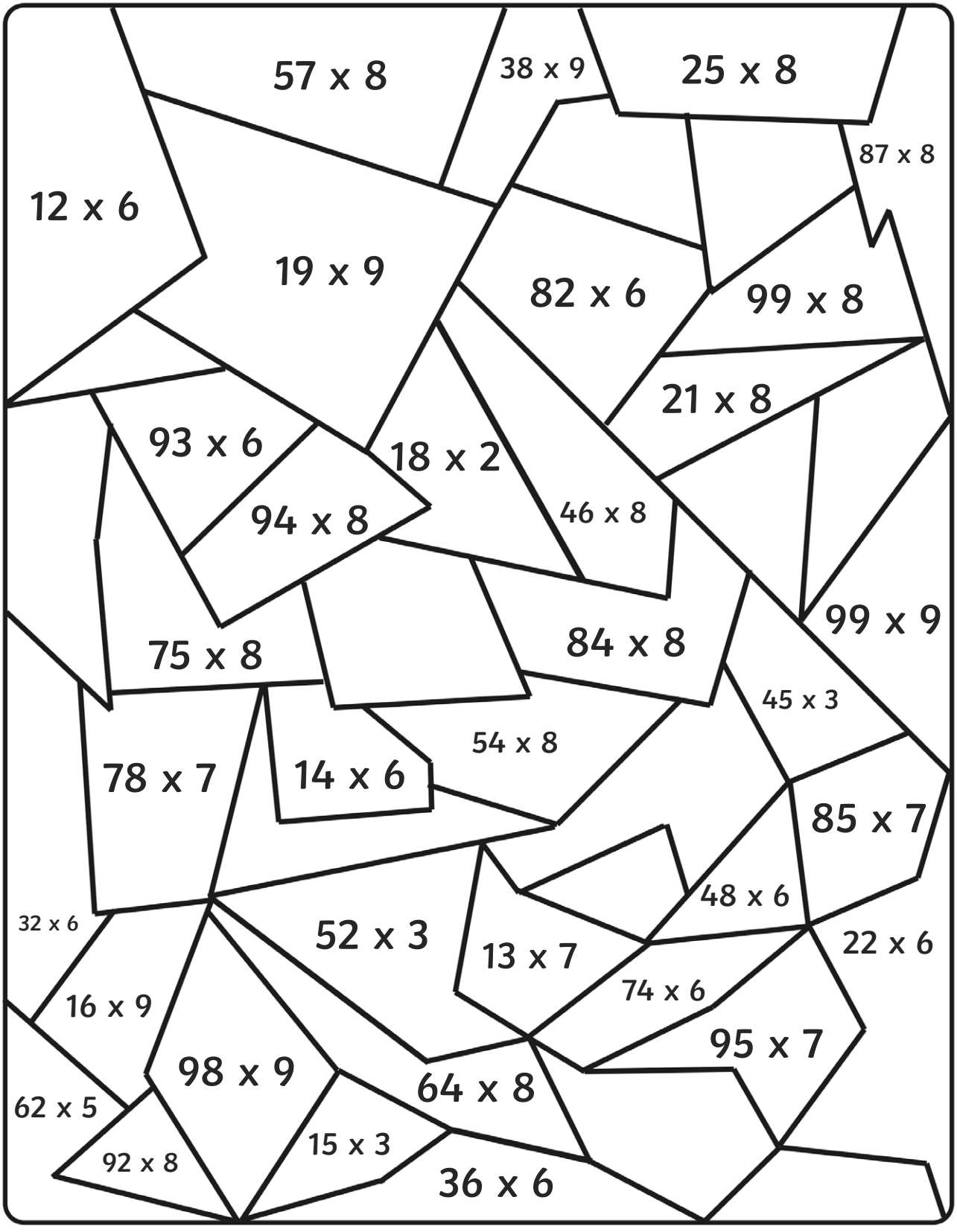


visit twinkl.com

Colour by Multiplication

Do the multiplication calculation and colour the shape in the correct colour.

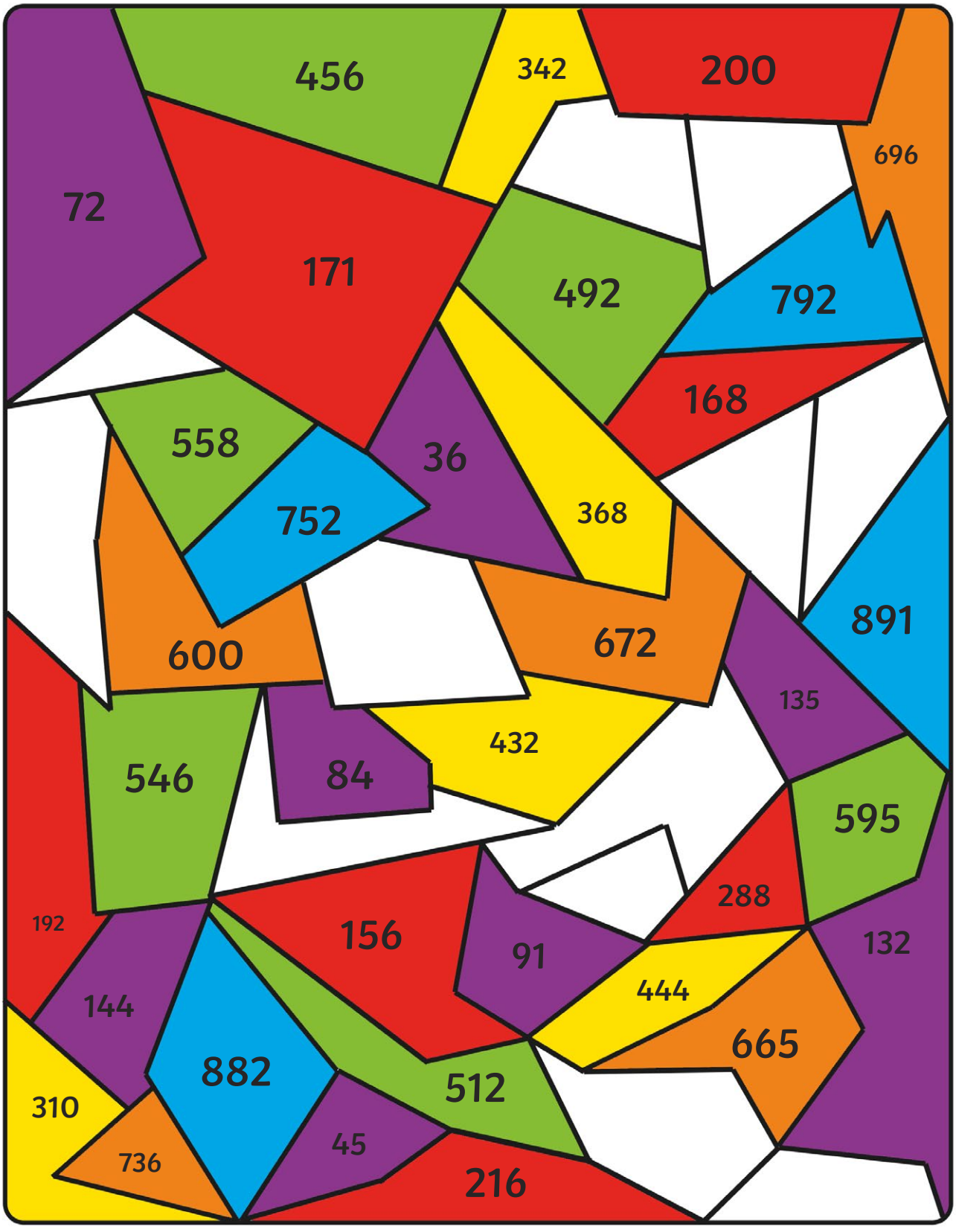
10-149	150-299	300-449	450-599	600-749	750+
purple	red	yellow	green	orange	blue



visit twinkl.com

Colour by Multiplication **Answers**

10-149	150-299	300-449	450-599	600-749	750+
purple	red	yellow	green	orange	blue

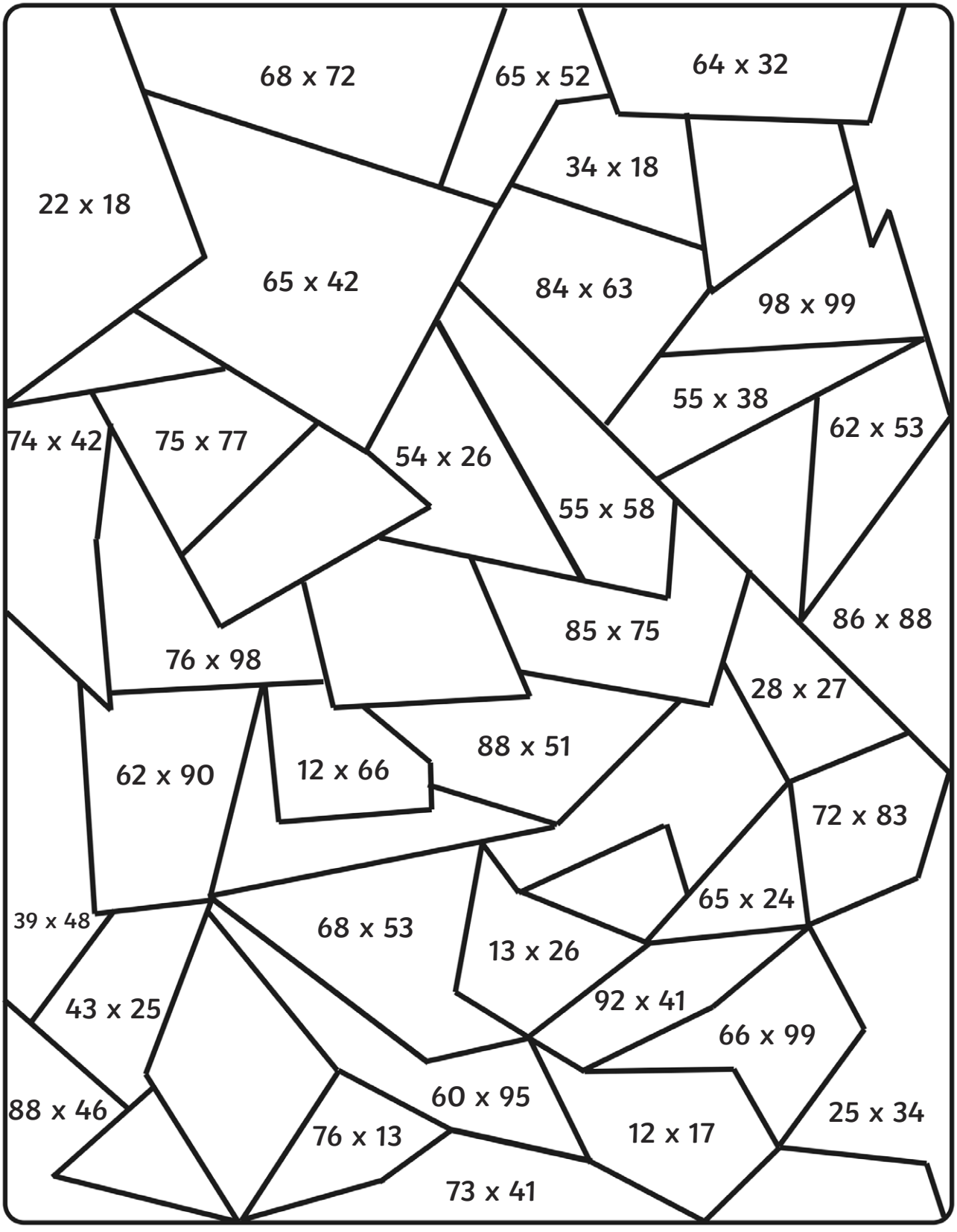


visit twinkl.com

Colour by Multiplication

Do the multiplication calculation and colour the shape in the correct colour.

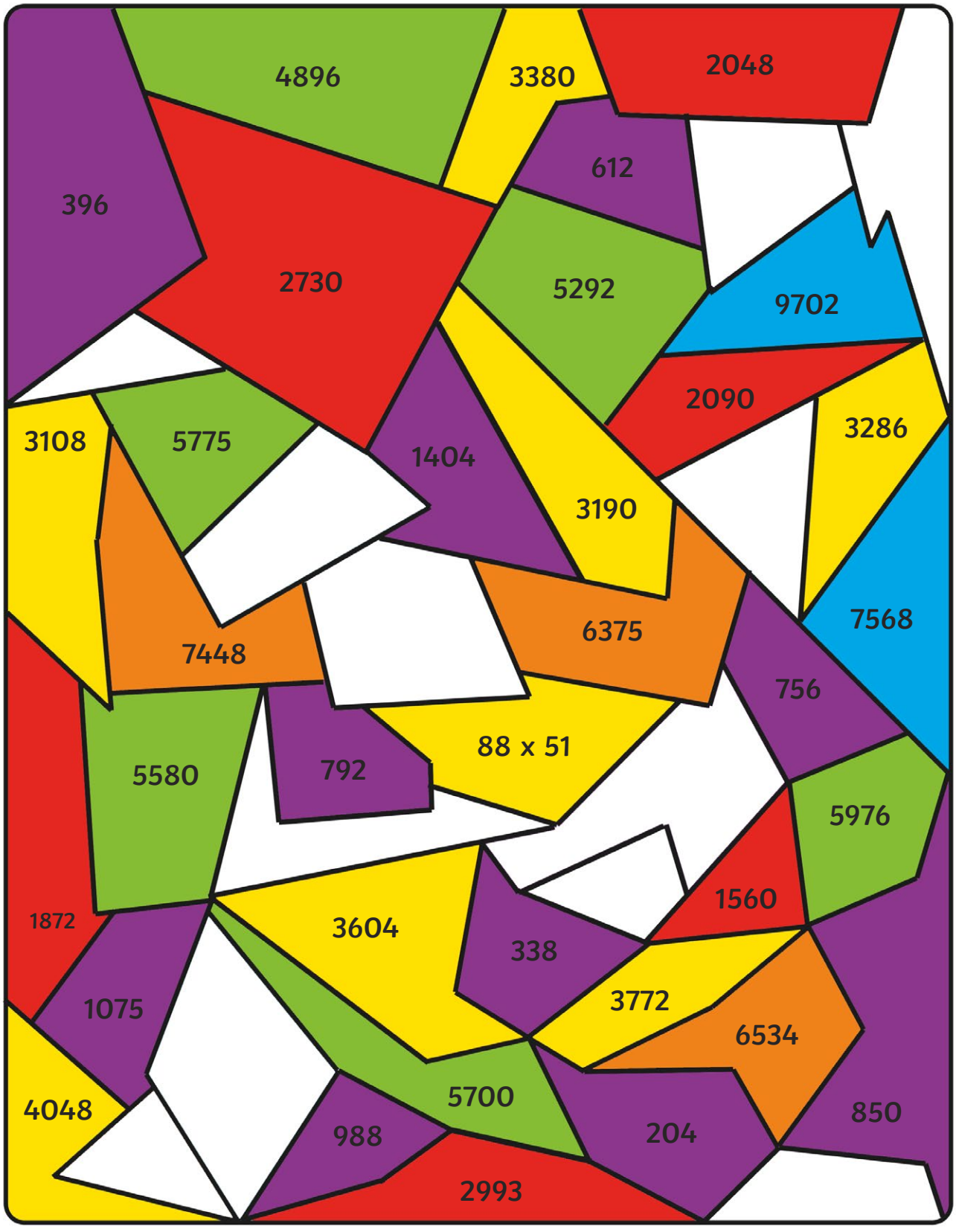
10-1499	1500-2999	3000-4499	4500-5999	6000-7499	7500+
purple	red	yellow	green	orange	blue



visit twinkl.com

Colour by Multiplication **Answers**

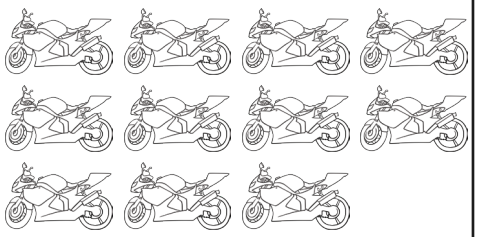
10-1499	1500-2999	3000-4499	4500-5999	6000-7499	7500+
purple	red	yellow	green	orange	blue



visit twinkl.com

Multiplication and Division Word Problems

1. How many wheels would 11 motorbikes have?



2. If 7 taxis arrive at the party at the same time, each carrying 5 passengers, how many guests arrive at once?

3. While playing a dice game, Robert managed to throw nine 5s in a row. How many did he score altogether?

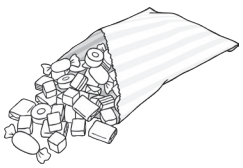
4. All four judges gave the dancer a score of 10. How many did she score altogether?

5. 12 people came to the show and they paid $5 each. How much were the ticket sales altogether?

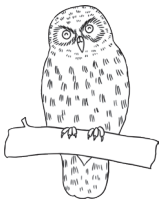
6. On a wet day, the teacher finds 32 wellies. How many children will be able to wear one on each foot?

7. Sam is sharing biscuits between himself and his four brothers. If there are 25 in the pack, how many will they each get?

8. A machine making sweets puts 10 in each packet. If the machine has produced 70 sweets, how many packets can it fill?



9. Carol gives half of her owl collection to her sister. She has 35 owls remaining. How many did she have to start with?



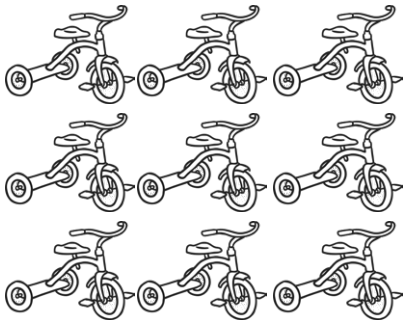
visit twinkl.com

Multiplication and Division Word Problems **Answers**

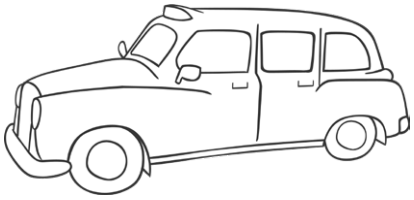
Question	Answer
1	22 wheels
2	35 guests
3	45
4	40 points
5	$60
6	16 children
7	5 biscuits
8	7 packets
9	70 owls

Multiplication and Division Word Problems x3 x4 x8

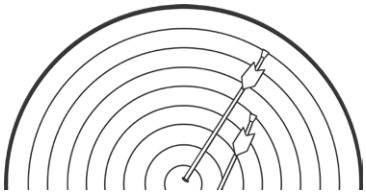
1. How many wheels would 9 tricycles have?



2. 24 people travel to an airport in taxis. 4 people travel in each taxi. How many taxis are used?



3. Hanan is a keen archer. One day she shoots 5 arrows. Each arrow scores an 8. What is her total score?



4. Three judges award 27 marks overall. They each give the same score. What score did they each give?

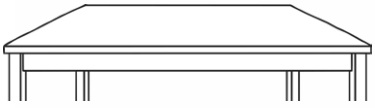
5. Cinema tickets are $8. Six people go to see a film. How much will they pay altogether?

6. Cans of lemonade are sold in packs of 4. Cherie wants 36 cans for a party. How many packs should she buy?

7. Trish, Karen and Layla share equally a packet of nuts. There are 21 nuts in the pack. How many nuts do each get?

8. A machine making mango pieces puts 8 pieces in each snack packet. The machine makes 88 pieces in 1 minute. How many packets are filled every minute?

9. A carpenter makes tables. Some have 3 legs and some have 4 legs. He plans to make 5 tables with 3 legs, and 4 tables with 4 legs. How many legs will he need?



visit twinkl.com.au

Multiplication and Division Word Problems x3 x4 x8 **Answers**

Question	Answer
1	**27 wheels**
2	**6 taxis**
3	**40**
4	**9 marks**
5	**$48**
6	**9 packs**
7	**7 nuts each**
8	**11 packs**
9	**31 legs**

Halves, Quarters and Thirds of Numbers up to 50

$\frac{1}{2}$ of 50	
$\frac{2}{3}$ of 36	
$\frac{3}{4}$ of 48	
$\frac{3}{4}$ of 44	
$\frac{1}{3}$ of 21	
$\frac{2}{3}$ of 42	

$\frac{3}{4}$ of 12	
$\frac{2}{3}$ of 27	
$\frac{2}{4}$ of 44	
$\frac{1}{3}$ of 15	
$\frac{2}{3}$ of 33	
$\frac{1}{4}$ of 40	
$\frac{1}{4}$ of 8	

visit twinkl.com

$\frac{1}{3}$ of 30	
$\frac{3}{4}$ of 32	
$\frac{1}{2}$ of 38	
$\frac{2}{4}$ of 12	
$\frac{2}{3}$ of 18	

visit twinkl.com

Halves, Quarters and Thirds of Numbers up to 50 **Answers**

$\frac{1}{2}$ of 50	**25**
$\frac{2}{3}$ of 36	**24**
$\frac{3}{4}$ of 48	**36**
$\frac{3}{4}$ of 44	**33**
$\frac{1}{3}$ of 21	**7**
$\frac{2}{3}$ of 42	**28**

visit twinkl.com

$\frac{3}{4}$ of 12	**9**
$\frac{2}{3}$ of 27	**18**
$\frac{2}{4}$ of 44	**22**
$\frac{1}{3}$ of 15	**5**
$\frac{2}{3}$ of 33	**22**
$\frac{1}{4}$ of 40	**10**
$\frac{1}{4}$ of 8	**2**

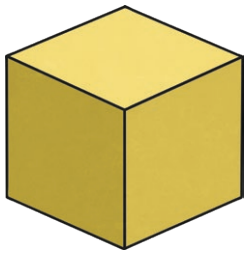
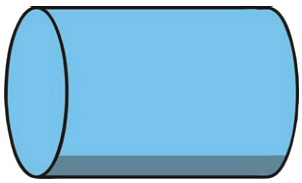
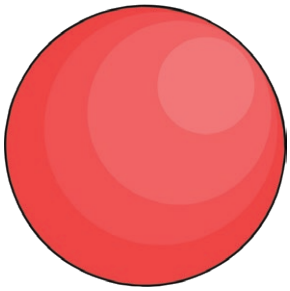
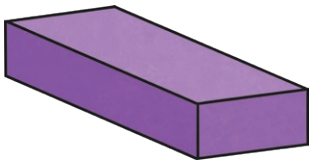
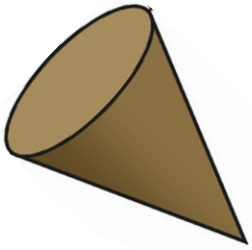
visit twinkl.com

$\frac{1}{3}$ of 30	**10**
$\frac{3}{4}$ of 32	**24**
$\frac{1}{2}$ of 38	**19**
$\frac{2}{4}$ of 12	**6**
$\frac{2}{3}$ of 18	**12**

visit twinkl.com

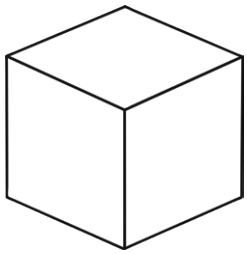
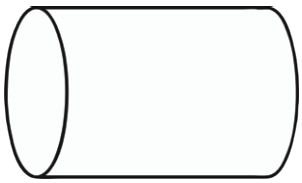
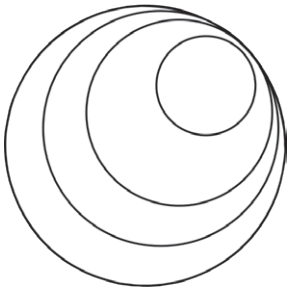
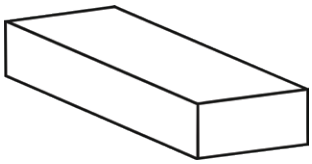
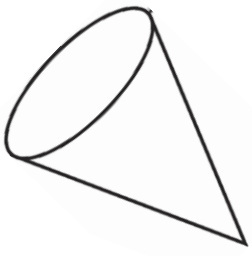
3D Object Properties

Cut out the names of the shapes and match them to the correct shape.

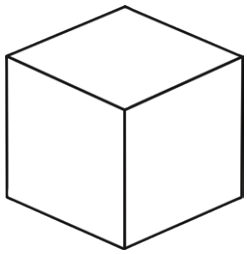
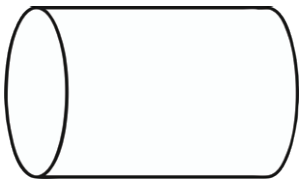
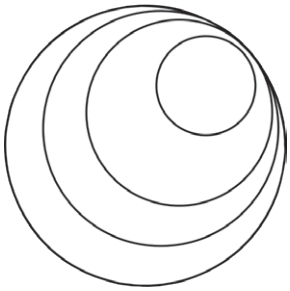
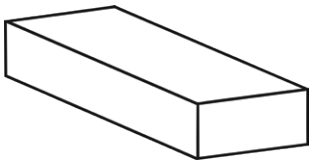
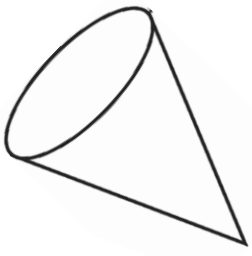
	Sphere
	Rectangular Prism
	Cube
	Cone
	Cylinder

3D Object Properties

Cut out the names of the shapes and match them to the correct shape.

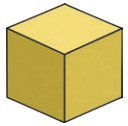
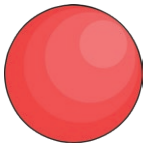
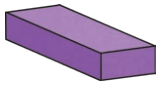
	Sphere
	Rectangular Prism
	Cube
	Cone
	Cylinder

3D Object Properties **Answers**

	**Cube**
	**Cylinder**
	**Sphere**
	**Rectangular Prism**
	**Cone**

3D Object Properties Table

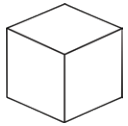
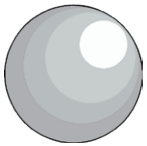
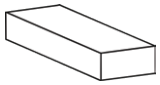
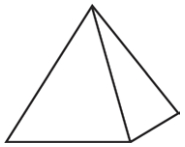
Look carefully at the properties of these 3D shapes. Write your results in the table.

3D Object	Number of Straight Edges	Number of Curved Edges	Number of Vertices	Does it roll?	Does it Stack?
 Cube					
Cylinder					
 Sphere					
 Rectangular Prism					
Cone					
Triangular Pyramid					

What do your results tell you about the shapes? _____

3D Object Properties Table

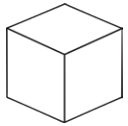
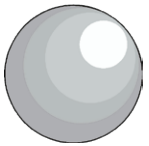
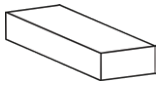
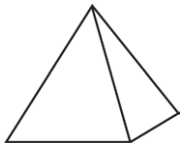
Look carefully at the properties of these 3D shapes. Write your results in the table.

3D Object	Number of Straight Edges	Number of Curved Edges	Number of Vertices	Does it roll?	Does it Stack?
 **Cube**					
Cylinder					
 **Sphere**					
 **Rectangular Prism**					
Cone					
 **Triangular Pyramid**					

twinkl.co.uk

What do your results tell you about the shapes? _____

3D Object Properties Table **Answers**

3D Object	Number of Straight Edges	Number of Curved Edges	Number of Vertices	Does it roll?	Does it Stack?
 **Cube**	**12**	**0**	**8**	**No**	**Yes**
Cylinder	**0**	**2**	**0**	**Yes**	**Yes**
 **Sphere**	**0**	**0**	**0**	**Yes**	**No**
 **Rectangular Prism**	**12**	**0**	**8**	**No**	**Yes**
Cone	**0**	**1**	**1**	**Yes**	**Yes but only on the top of the stack.**
 **Triangular Pyramid**	**6**	**0**	**4**	**No**	**Yes but only on the top of the stack.**

twinkl.co.uk

What do your results tell you about the shapes? **Answers may vary.**

Second Level

Mixed Exercise

Numeracy and Mathematics

Answer the following questions to the best of your ability and then check your work using the answers at the end.

Name: Date:

1. What is 10 more than 1650?

1 mark

2. What is 100 more than 3760?

1 mark

3. What is 1000 less than 5290?

1 mark

4. a) How many hundreds are in 36 879?

b) How many thousands are in 82 648?

2 marks

5. Use the symbols > or < to complete these comparison statements:

a) 382 668 ☐ 620 644

b) 537 890 ☐ 563 558

2 marks

total for this page

visit twinkl.com

6. Write this number in words. 47 840

1 mark

_____

7. Write these numbers to the nearest ten:

3 marks

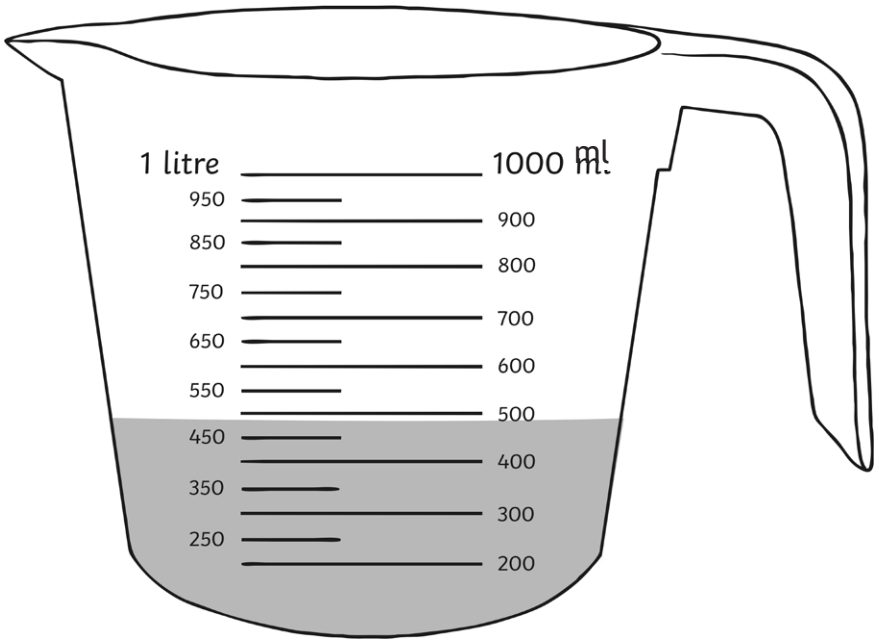
a) 3579 _____

b) 4956 _____

c) 2929 _____

8. Estimate the volume of liquid in the jug

1 mark



_____

total for this page

visit twinkl.com

9. What is double 79? _____ 1 mark

10. What is double 682? _____ 1 mark

11. Complete the following calculations: 3 marks

a) 375 + 75 = _____

b) 536 + 87 = _____

c) 446 + 28 = _____

12. 4680 + ☐ = 4870 1 mark

13. 7460 - 430 = _____ 1 mark

14. What is the difference between 379 and 637? 1 mark

_____

15. a) The head teacher, Mrs Brand, has 100 children in her school. She wants to buy each child a new sharpener for the start of the new school year. A sharpener costs 26p. How much will she spend altogether? 1 mark

_____

total for this page

visit twinkl.com

b) Mrs Brand decides that each child should have two pencils for their new sharpener. A pencil costs 45p. How much will she spend if she buys each child 2 pencils?

1 mark

16. 9 × 4 =

1 mark

17. 8 × 7 =

1 mark

18. Emily's dog has 7 puppies. Emily decides to buy all of the puppies a new collar in order for her to identify them. The collars cost £6 each. How much does Emily spend altogether?

1 mark

19. Heartshaw Primary has 6 classes. The head teacher has agreed that each class can have £256 each to spend on art resources. How much is being spent altogether?

1 mark

total for this page

visit twinkl.com

20. Heartshaw Primary has £492 left in the school budget at the end of the term. It decides to take the children on a visit to the zoo. Zoo entry costs £6 per person. With 71 children in the school, will there be enough money for all of the children plus 8 adults to go on the visit?

1 mark

Show your working.

_____

21. What change will I get from £20 if I spend £13.49 on some new jeans?

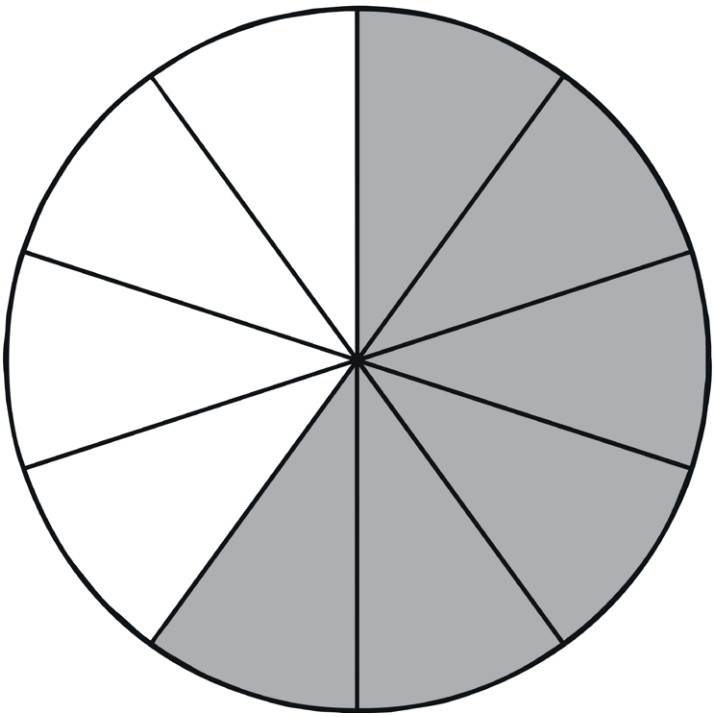
1 mark

_____

total for this page

visit twinkl.com

22. Look at the shape below.



a) How much of the shape is shaded? Show your answer as a fraction.

_____

b) How much of the shape is unshaded? Show your answer as a decimal.

_____

2 marks

total for this page

visit twinkl.com

23. How many metres are in 7.2km? _____

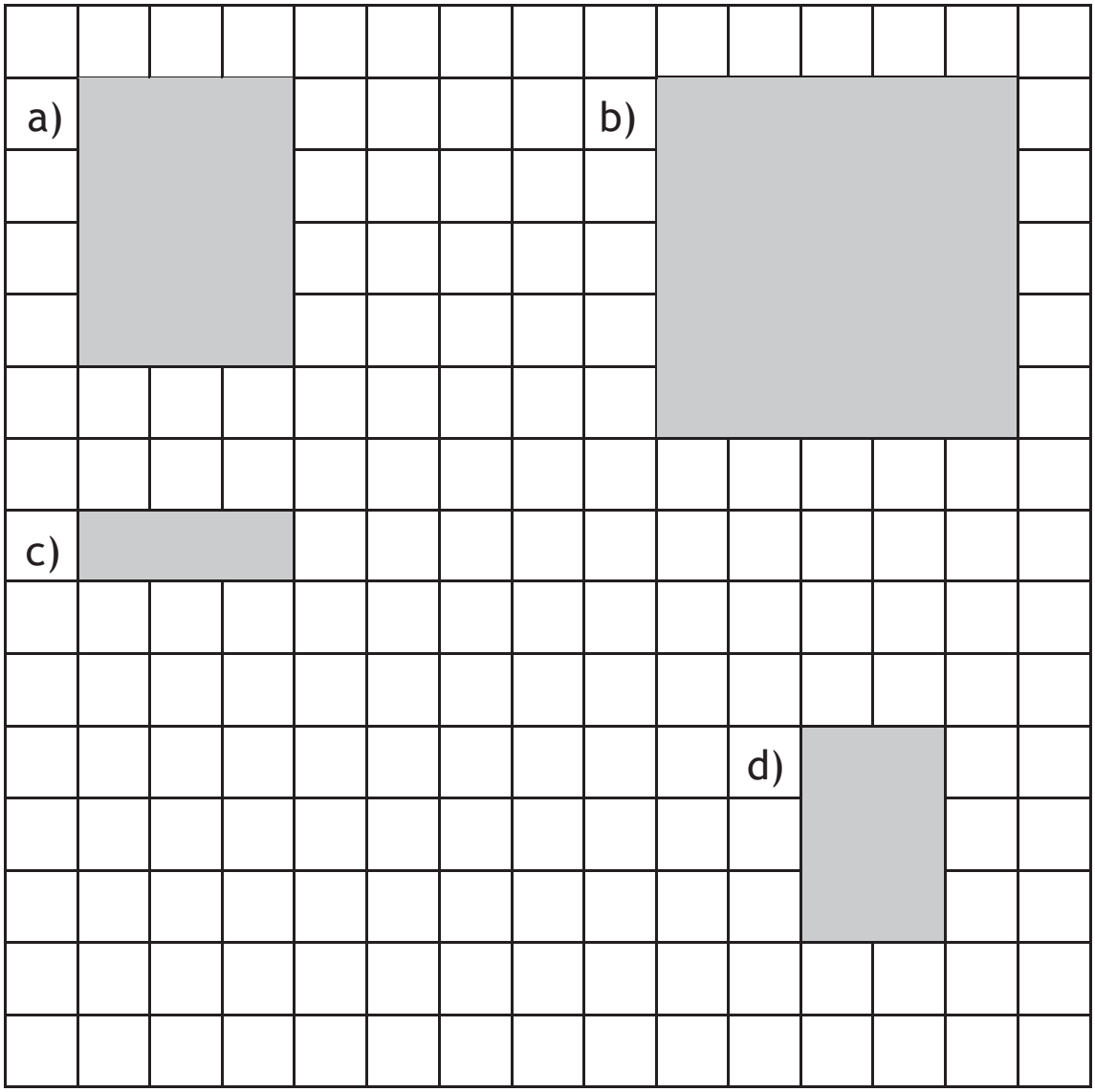
1 mark

24. How many kilometres are in 3500m? _____

1 mark

25. Find the area of these shapes.

4 marks



a)_____ b)_____ c)_____ d) _____

total for this page

visit twinkl.com

26. Write the following times in words:

4 marks

a) 8:53 = _____

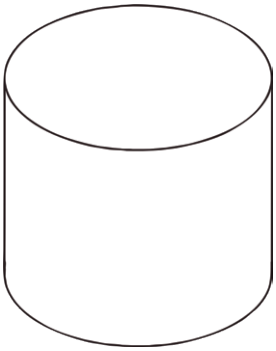
b) 7:13 = _____

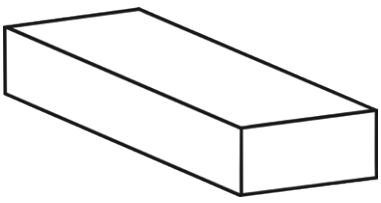
c) 6:09= _____

d) 12:47= _____

27. Name the following shapes.

2 marks

a)  _____

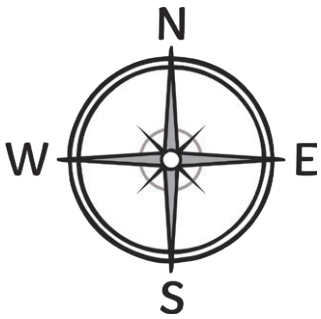
b)  _____

total for this page

visit twinkl.com

28. Which direction will I be facing if:

2 marks



a) I am facing north-east, and turn 90 degrees clockwise?

_____

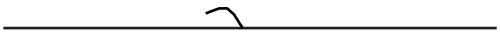
b) I am facing south-west and I turn 180 degrees anticlockwise?

_____

29. Draw the lines to the correct description of the angles.

3 marks

a) obtuse



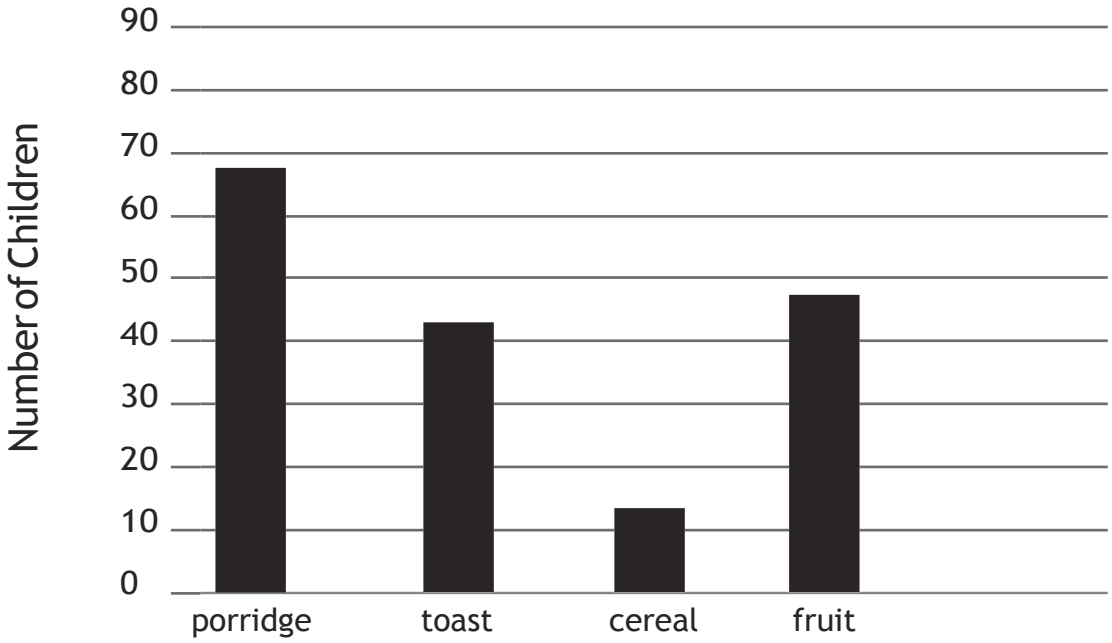
b) right

c) acute

total for this page

visit twinkl.com

30. Look at the bar chart below:



The children in Class 2 surveyed the school to find out their choice of breakfast in preparation for the new breakfast club.

a) How many children were surveyed altogether?

_____

b) Which breakfast is the mode?

_____

c) What is the difference between the least and most popular choice of breakfast?

_____

3 marks

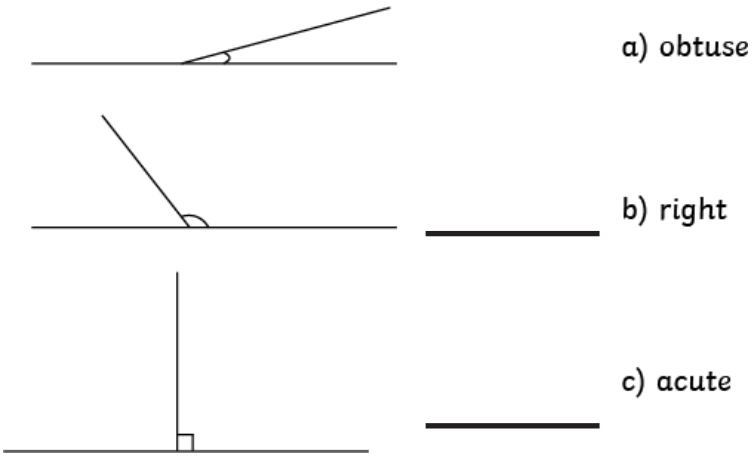
END OF EXERCISE

total for this page

visit twinkl.com

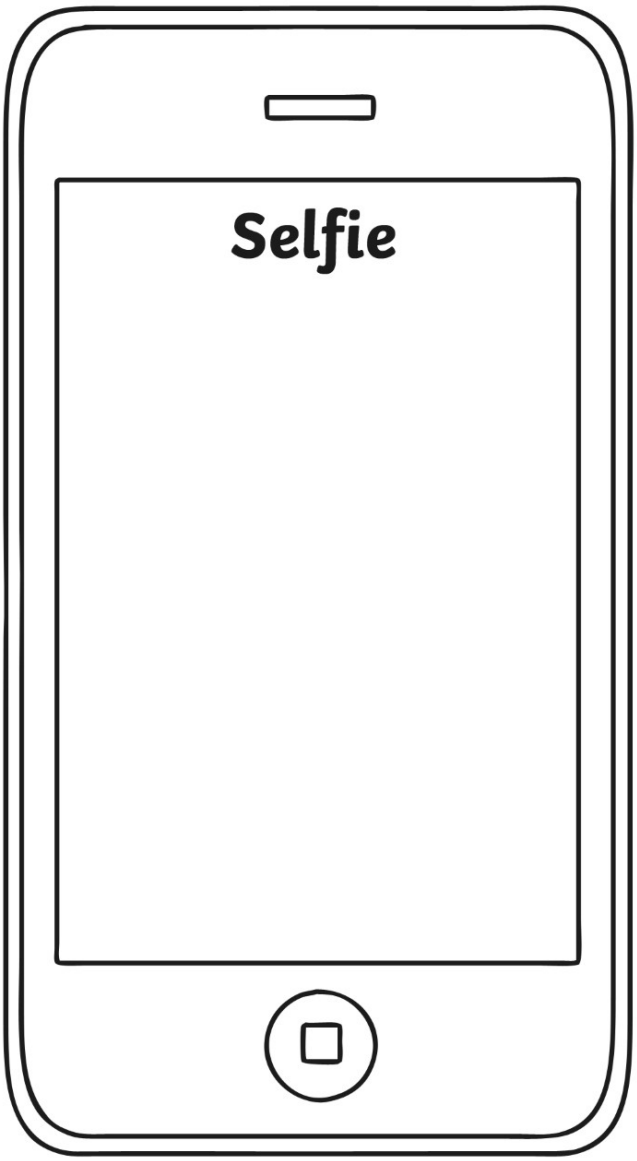
1	1660
2	3860
3	4290
4	a) 8 b) 2
5	a) < b) <
6	Forty-seven thousand, eight hundred and forty.
7	a) 3580 b) 4960 c) 2930
8	500ml approx
9	158
10	1364
11	a) 450 b) 623 c) 474
12	190
13	7030
14	258
15	a) 2600p or £26 b) 9000p or £90
16	36
17	56
18	£42
19	£1536
20	71+8=79, 79 × 6 = £474, Yes - there will be enough money.
21	£6.51
22	a) $\frac{6}{10}$ or $\frac{3}{5}$ b) 0.4
23	7200m
24	3.5km
25	a) 12cm² b) 25cm² c) 3cm² d) 6cm²

visit twinkl.com

26	a) 7 minutes to nine or 53 minutes past 8. Accept numbers written in words. b) 13 minutes past 7. Accept numbers written in words. c) 9 minutes past 6. Accept numbers written in words. d) 13 minutes to 1 or 47 minutes past 12. Accept numbers written in words.
27	a) cylinder b) cuboid
28	a) south-east b) north-east
29	
30	a) 168. (Also accept answers 161-171) b) porridge c) 55 (Also accept answers 53-58)

visit twinkl.com

All About Me Selfie Writing Activity



Name: _____

I am ◯ **years old.**

Three words that describe me:

1. _____
2. _____
3. _____

Things I love:

Subject:

Food:

Colour:

Book:

Hobby:

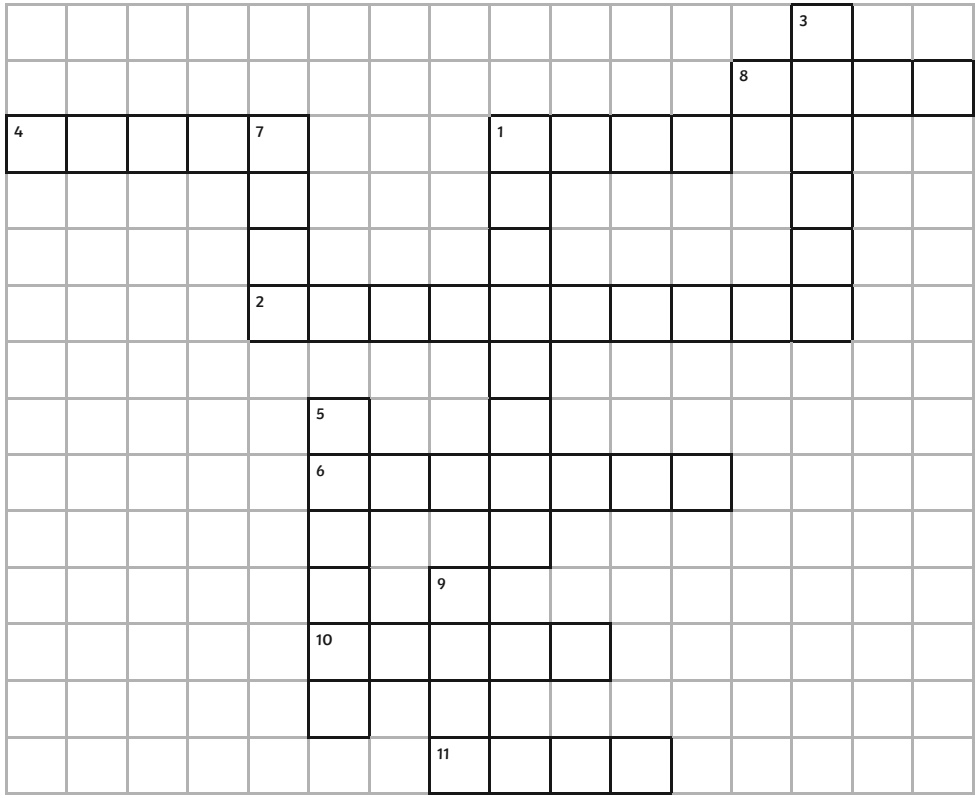
Back to School

Across

1. It is not nice to _____ my friends' feelings.
2. We eat lunch in the _____ .
4. During _____ , we go to the playground.
6. We go to the _____ to read books.
8. It is our responsibility to keep our _____ clean.
10. School is great because we _____ new things!
11. If I have a question, I need to put my _____ up.

Down

1. When I get home from school, I do my _____ to practice what I learned at school that day.
3. When we write, we always use a _____ and do our best work.
5. When I am walking in the corridor, I always walk _____ .
7. I am always _____ to my friends.
9. After I've been to the toilet, I need to _____ my hands.



Word Bank

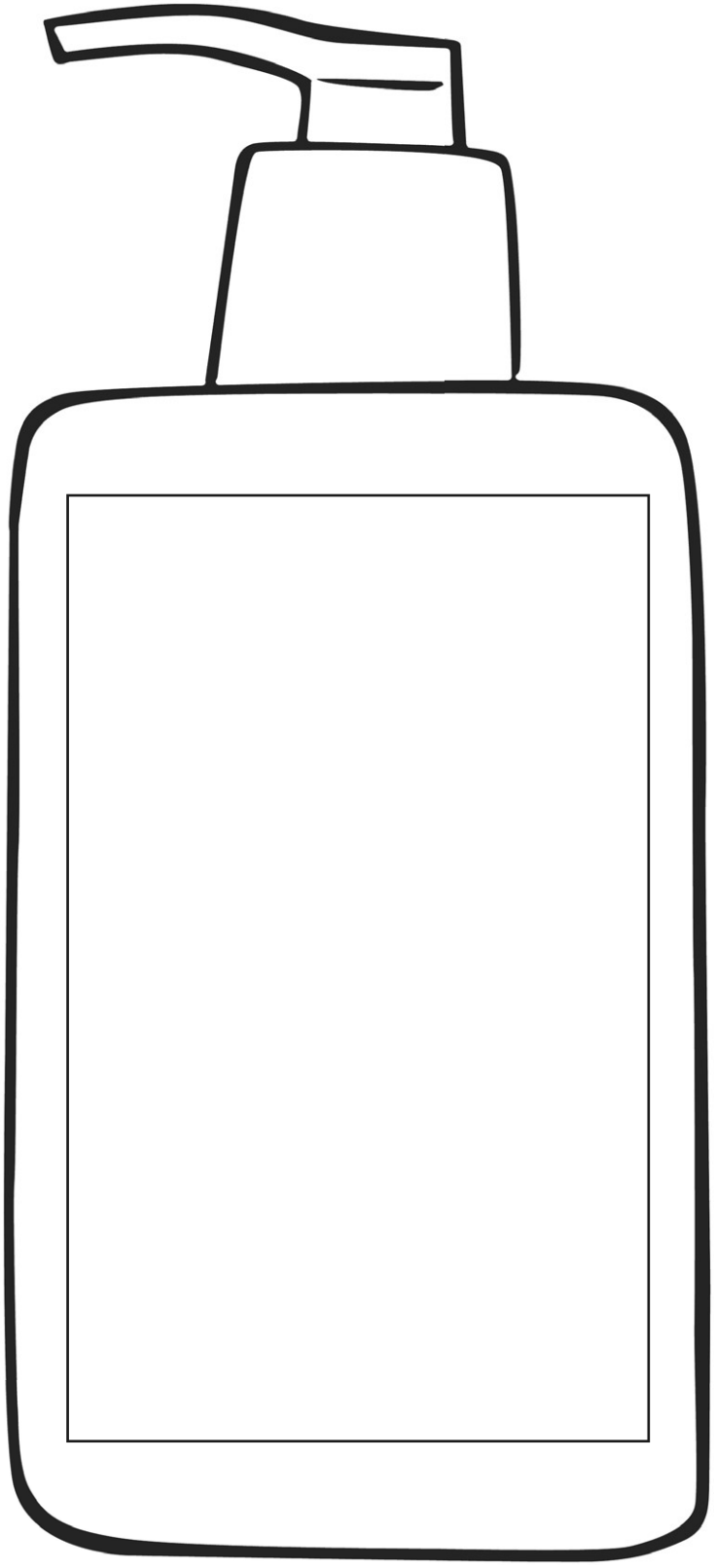
slowly	dinnerhall	kind	hurt	library	homework
wash	break	hand	learn	pencil	desk

Design a Handwash Bottle

Design a fabulous handwash with a label that will encourage people to wash their hands!

Think about:

- What will it smell like?
- What will it look like?
- Make the bottle stand out, so that people want to buy it.
- Make it look fun, so that people want to use it.



Friendship

e	l	a	u	g	h	t	e	r	s	e	q
c	s	u	p	p	o	r	t	n	e	s	b
n	j	h	e	l	p	f	u	l	n	t	s
a	o	e	a	z	p	s	h	o	z	e	h
r	u	m	l	p	z	j	i	h	r	i	s
u	r	l	c	f	p	t	i	u	p	s	h
s	n	b	r	t	a	i	t	t	e	z	g
s	e	j	y	t	s	n	n	n	e	m	n
a	y	w	i	j	e	u	d	e	z	n	i
e	q	v	u	v	p	n	r	c	s	n	r
r	n	k	d	p	i	l	u	t	u	s	a
i	v	a	q	k	z	n	u	f	g	w	c

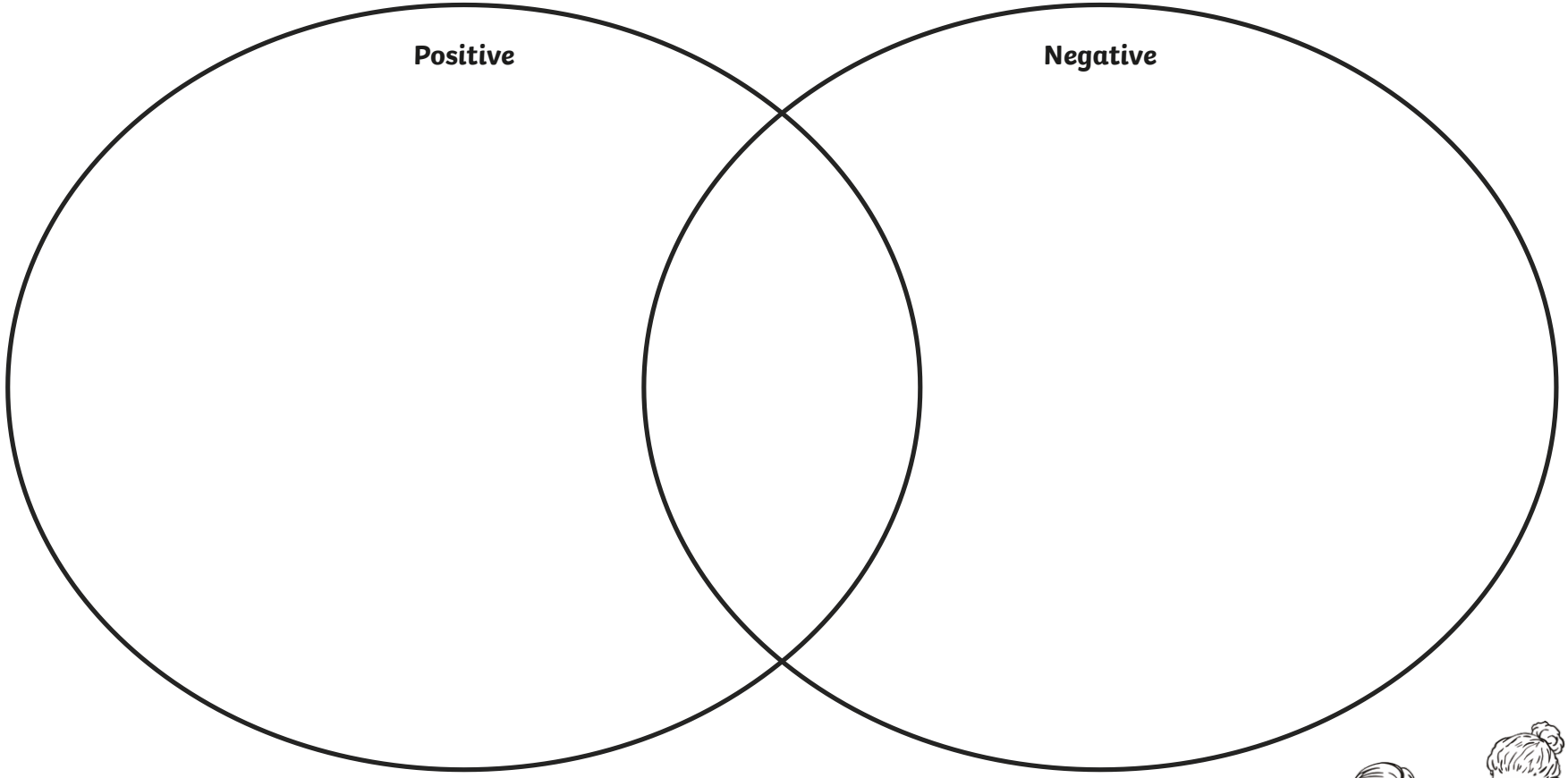
fun	kindness	invitations
laughter	caring	happiness
adventures	reassurance	journey
trust	support	helpful

Growth or Fixed Mindset

Tick the correct column.	Growth Mindset	Fixed Mindset
I'm not good at this.		
I love challenges!		
I don't like it when I get things wrong.		
This is too hard.		
I keep going even when the work is hard.		
Practise makes perfect.		
I'm giving up.		
I can always improve, so I'll keep trying.		
I can learn anything I want to.		
I'll never be as smart as her.		
I feel like giving up when my friends do better than me.		
I learn from my mistakes.		
I will try and solve the problem in a different way.		
I'm not a good reader.		
Is this my best work?		
I'm either good at it or I'm not.		
I can't do it yet.		
I'm no good at numeracy.		
I'm not going to try because I might make a mistake.		

Positive or Negative Influences?

We are learning about who can influence the decisions we make. Are these influences positive or negative? Could they possibly be both? Complete the Venn diagram below.

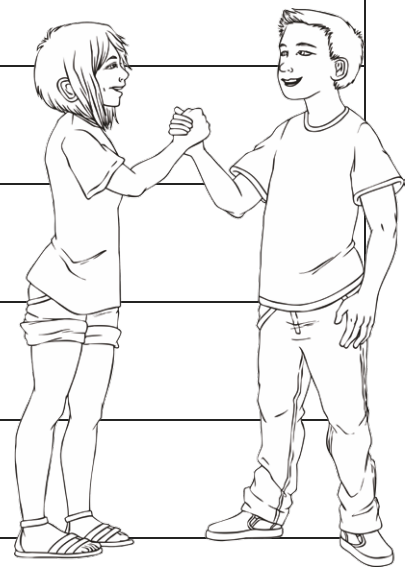


Teacher | Parents | Siblings | Best friend | Classmates

Older pupils | Social media | Adverts | Famous icons

Thinking about My Influences

Influence	Positive or Negative?	Example
Parents		
Teacher		
Siblings		
Best friend		
Classmates		
Older pupils		
Adverts		
Social media		
Famous icons		



Recycle Poster

Design a poster to display in a room of your home to encourage the members of your family to recycle.

The example below shows how you can encourage someone to recycle in the kitchen.

Choose your room and write some notes about what to recycle and how it can be recycled.

Draw your poster here:

The Magic of Yet

Me helping me achieve my goals!

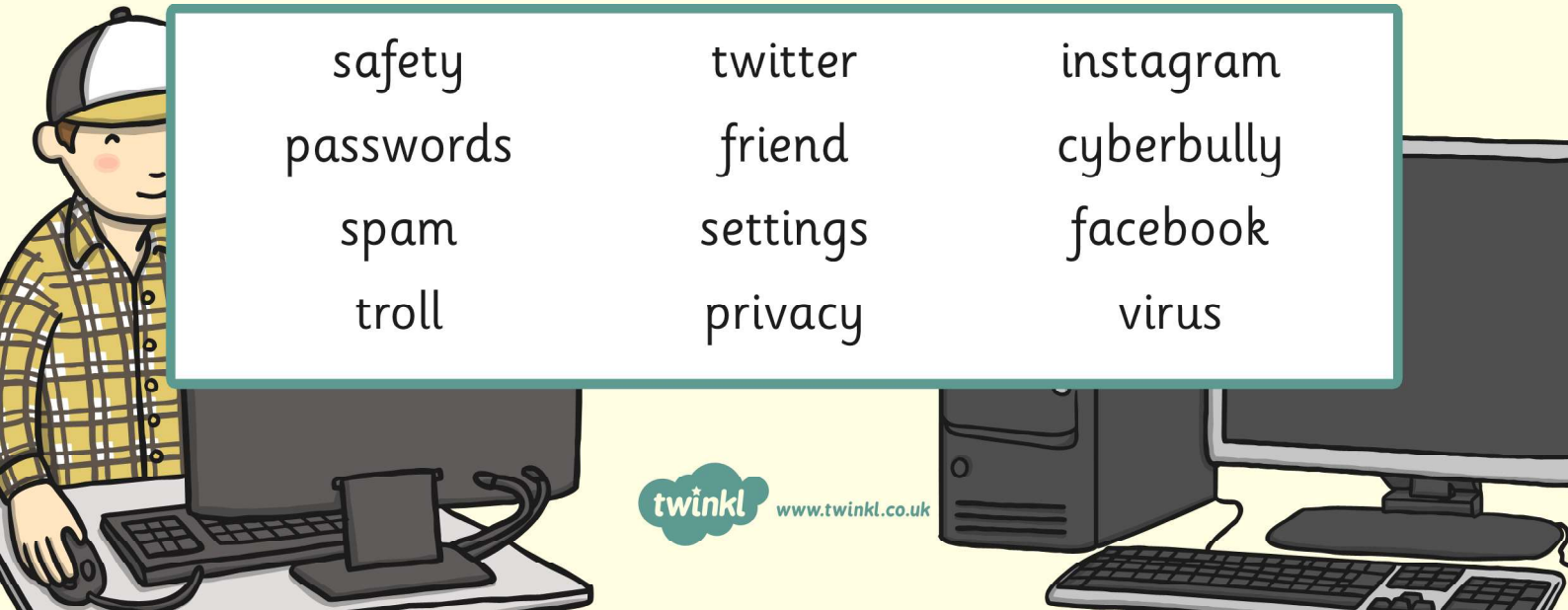
Three hurdles, three goals, three tools to help me...

Hurdles	Goals	Tools
e.g. I don't know my eight times tables	yet	**but I am...** trying hard to learn them as a poem.
1.	yet	
2.	yet	
3.	yet	

Internet Safety

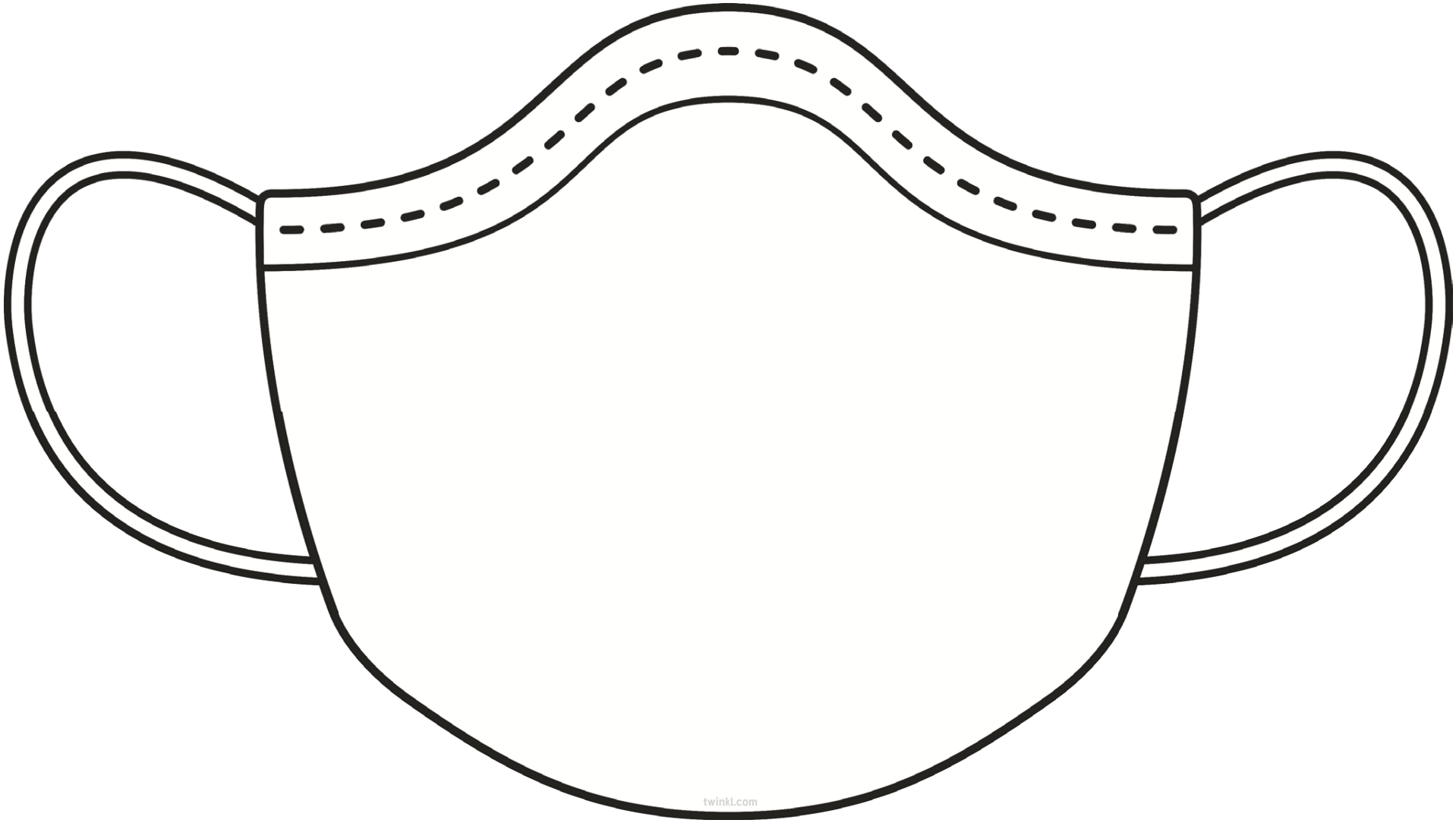
r	c	y	b	e	r	b	u	l	l	y	e
t	o	g	x	s	e	t	t	i	n	g	s
k	t	f	a	c	e	b	o	o	k	i	b
b	r	s	a	f	e	t	y	c	n	t	r
d	n	e	i	r	f	u	x	s	h	r	e
s	k	j	j	r	t	a	t	j	a	o	t
p	o	u	j	y	f	a	m	x	w	l	t
a	s	e	b	q	g	t	i	o	d	l	i
m	u	c	p	r	f	t	r	z	q	z	w
j	r	p	a	s	s	w	o	r	d	s	t
a	i	m	i	a	p	r	i	v	a	c	y
u	v	j	j	u	x	e	e	w	j	r	t

safety	twitter	instagram
passwords	friend	cyberbully
spam	settings	facebook
troll	privacy	virus



twinkl www.twinkl.co.uk

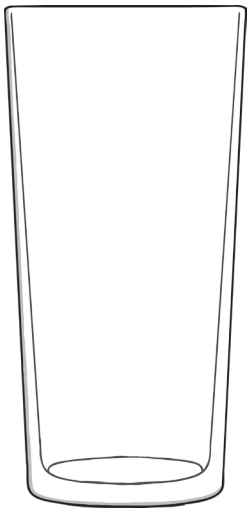
Design Your Own Face Mask Art Activity



Solid, Liquid or Gas?

Carefully cut out the cards on the other pages and sort them into the correct categories.

Solid	Liquid	Gas



glass

twinkl.co.uk

tea

twinkl.co.uk

clay

twinkl.co.uk

lemonade

twinkl.co.uk

sugar

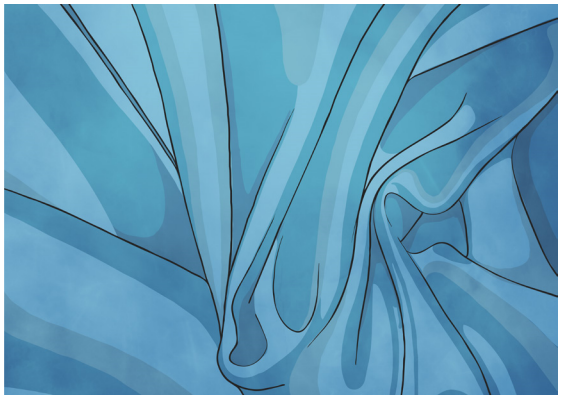
twinkl.co.uk

hot air

twinkl.co.uk

pebble

twinkl.co.uk

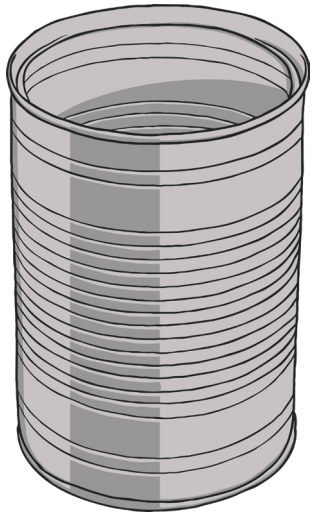


fabric

twinkl.co.uk

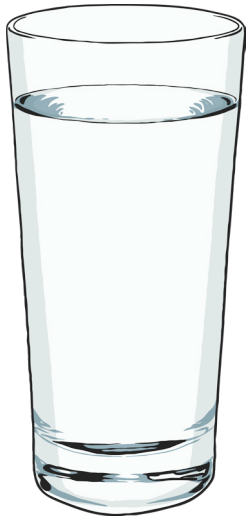
cola

twinkl.co.uk



metal

twinkl.co.uk



water

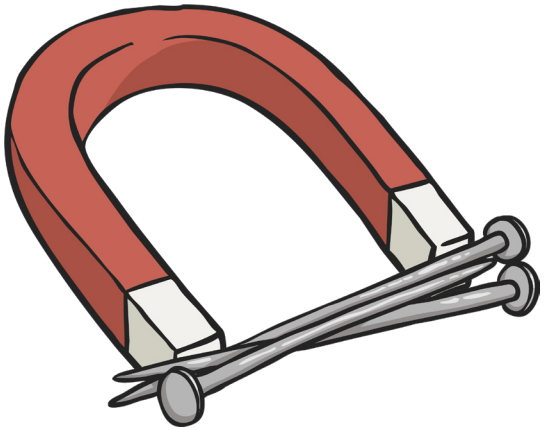
twinkl.co.uk

clouds

twinkl.co.uk

sand

twinkl.co.uk



magnet

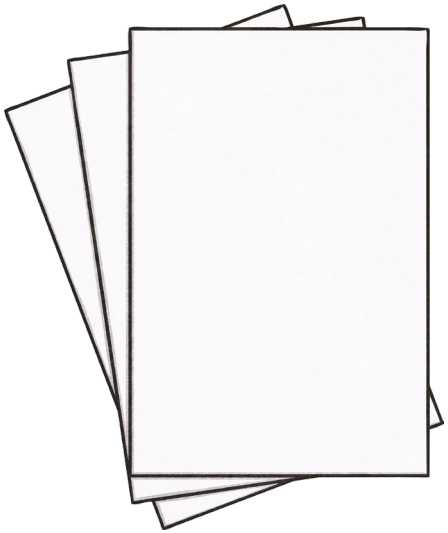
twinkl.co.uk

milk

twinkl.co.uk

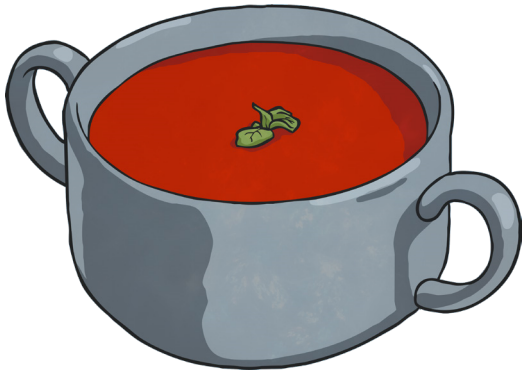
cream

twinkl.co.uk



paper

twinkl.co.uk



soup

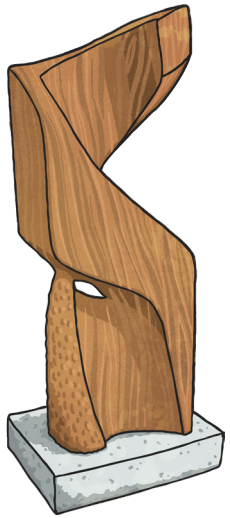
twinkl.co.uk

coffee

twinkl.co.uk

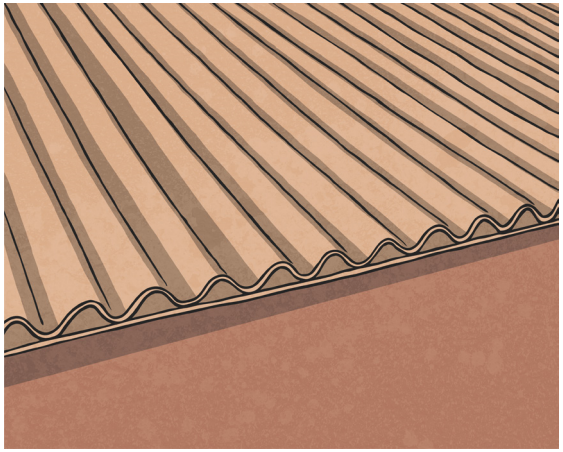
wool

twinkl.co.uk



wood

twinkl.co.uk



cardboard

twinkl.co.uk

juice

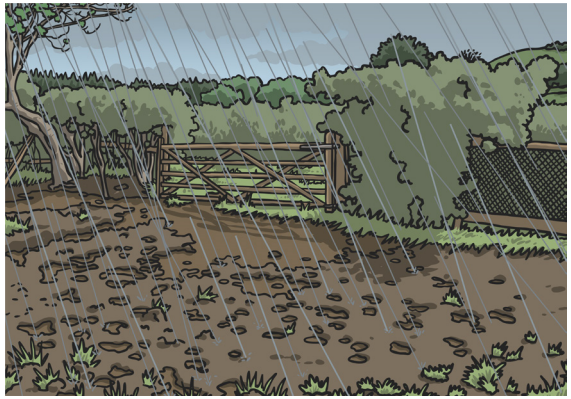
twinkl.co.uk

oxygen

twinkl.co.uk

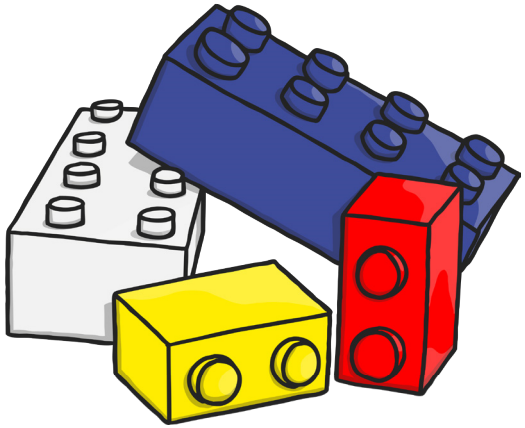
rocks

twinkl.co.uk



rain

twinkl.co.uk



plastic

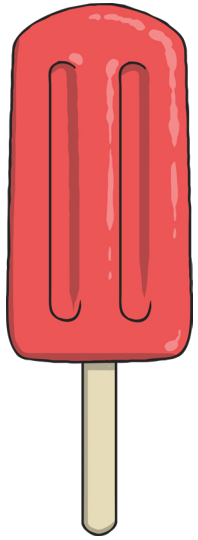
twinkl.co.uk

steam

twinkl.co.uk

ice

twinkl.co.uk



ice lolly

twinkl.co.uk