



1 Today is Flip a Coin day. The face of a £1 coin has 12 sides. Can you investigate the name of a 12-sided 2D shape?



2

$$\begin{array}{r} 527 \\ + 48 \\ \hline \end{array}$$

3 In the number 15 749 what does the 7 stand for?

4 What number is 800 more than 3200?

5 Today is Hot Air Balloon Day. The world altitude record for the highest hot air balloon flight is twenty one thousand and twenty seven metres. Write this figure as a number.



6 How many days are there in January?



7 Today is National chocolate ice-cream day. Can you name any 3D objects in the picture???



8 Today is World Ocean Day. Do you know how many oceans there are in the world? Can you name them all?



9 If today is Saturday, what day is it in 3 days?



10

$$\begin{array}{r} 72 \\ - 34 \\ \hline \end{array}$$

11 Write the time shown here in words



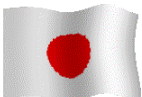
12 Today is Red Rose day. How many flowers are in a bouquet of 2 dozen roses?



13 Round 250 grams to the nearest hundred.



14 Today is Flag Day. How many lines of symmetry does this flag have?



15 Write the following in 24 hour time...



16 What fraction of this shape is shaded?



17 Today is Eat Your Vegetables Day. If a pupil ate their "five a day" for the month of June, how many pieces of fruit and/or vegetables is this altogether?



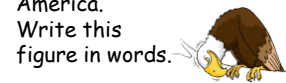
18

$$\begin{array}{r} 32 \\ \times 4 \\ \hline \end{array}$$

19 How many 20p's are there in £1.80?



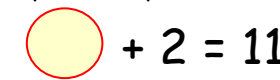
20 Today is National Bald Eagle Day. There are only around 70 000 bald eagles in the whole of North America. Write this figure in words.



21 Write the next two numbers this sequence.
1, 2, 4, 8, ...

22 Calculate
 $220 \div 10$

23 What is the value of the missing number represented by the shape below?



$$\text{Yellow Circle} + 2 = 11$$

24 Write the 12th of February 1974 as numbers only.



25 Write these numbers in order from the smallest to the biggest;
230, 302, 203, 320

26

$$\begin{array}{r} 3 \overline{) 648} \end{array}$$

27 Which is bigger?
 $111 - 77$ or 5×7
Give a reason for your answer!

28 Is this statement true or false?
 $\frac{1}{4} > \frac{1}{8}$

29 A schools summer holiday lasts for 6 weeks. How many days is this?



30 It is 8:23 am. Daniel is already missing his maths lessons now that he is on his summer holidays! Rigour Maths have promised to upload the July calendar at 3:48 pm. How long does Daniel have to wait until he can download the July calendar?



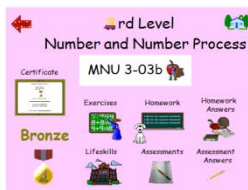


<p>1 Calculate the volume of this shape. Each cube measures 1 cm by 1 cm by 1 cm.</p>	<p>2 Using the vocabulary of probability describe the outcome of the following event... It will rain every day in June.</p>	<p>3 Which of these are multiples of 80? 240, 360, 400, 540</p>	<p>4 Round 854 to the nearest 10...</p>	<p>5</p> $\begin{array}{r} 1234 \\ + 567 \\ \hline \end{array}$	<p>6</p> <p>What are the co-ordinates of point A?</p>										
<p>7</p> $\begin{array}{r} 5625 \\ - 2039 \\ \hline \end{array}$	<p>8 Calculate $6 + 2 \times 3$</p>	<p>9 Calculate 10% of £9</p>	<p>10</p> <p>What is the area of this rectangle...</p>	<p>11 School sports day started at 1:45 pm and finished at 3:25 pm. How long did the event last?</p>	<p>12 How many lines of symmetry does this sign have?</p>										
<p>13 Which of these are equivalent fractions to $\frac{3}{4}$?</p> <p>$\frac{6}{15}$ $\frac{12}{16}$ $\frac{18}{36}$ $\frac{21}{28}$ $\frac{24}{40}$</p>	<p>14 Write 3 kilograms and 5 grams as kilograms.</p>	<p>15 Change 456 seconds into minutes and seconds...</p>	<p>16 What fraction of the shape is shaded?</p>	<p>17 Dominic got his mum to buy his dad a £1.85 card and a £1.39 bottle of his favourite drink for Father's Day. How much change did Dominic's mum receive from £5?</p>	<p>18 Which of these are factors of 38? 1, 3, 4, 11, 14, 19.</p>										
<p>19 Solve the equation below... $x + 23 = 40$</p>	<p>20</p> $\begin{array}{r} 7049 \\ \times 8 \\ \hline \end{array}$	<p>21 Today the sun will rise at 0443 and will set 16 hrs and 38 mins later. At what time will the sun set? Give your answer in 24 hour time.</p>	<p>22 Calculate the perimeter of this shape.</p>	<p>23 Calculate the size of the missing angle...</p>	<p>24</p> $3 \overline{) 6828}$										
<p>25 From the following angles, which one would go into the obtuse column in the table below? 15°, 167°, 90°, 283°, 180°</p> <table border="1"> <thead> <tr> <th>acute</th> <th>right</th> <th>obtuse</th> <th>straight</th> <th>reflex</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	acute	right	obtuse	straight	reflex						<p>26 Calculate $\frac{7}{9}$ of €54</p>	<p>27 Simplify the fraction below...</p> $\frac{51}{78}$	<p>28 A school breaks up for their summer holidays today. They are off school for 46 days. On what date will they start back?</p>	<p>29 What shape is this beach ball?</p>	<p>30 Altogether, 4 suitcases weigh 46.9 kilograms. One suitcase weighs 8.8 kilograms and the other three weigh the same. What are the weights of the four suitcases?</p>
acute	right	obtuse	straight	reflex											

RIGOUR

by cdmasterworks Ltd

Numeracy for Learning, Life and Work



June CfE 2nd Level Calendar

#abitofmathseveryday



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



1 Simplify the following expression...
 $n^2 - 2n - 8n^2 + 5n$

2 Calculate
 $6 \cdot 6 - 8 \cdot 74 + 5 \cdot 213$

3 Calculate the perimeter of the shape below...

4 What is $\sqrt{9\,000\,000}$?

5 Calculate
 $8 + 4 \times (-2)$

6 What is the bearing FROM Prague to Glasgow?

7 Change $1\frac{4}{5}$ into an improper fraction.

8 6 ketchup bottles cost £5.34. How much do 10 ketchup bottles cost?

9 Express 102 as a product of prime factors

10 There are 52 cards in a pack. What is the probability of choosing a queen?

11 What is the Lowest Common Multiple of 9, 12 and 18?

12 Calculate the area of this triangle in cm^2 ...

13 Write a rule and complete the table...

no. of panels (P)	2	3	4	33	?
shelves (S)	4	7	10	?	145

14 Calculate the missing angle...

15 What is the Highest Common Factor of 64 and 80?

16 Calculate $\frac{3}{8}$ of 1136

17 The ratio of lions to zebras is 2 : 9. If there are 86 lions, how many zebras are there?

18 Select the prime number(s) from the following list...
141, 143, 144, 147, 149.

19 Calculate $-7 + (-3)$

20 If $c = 5$ and $d = -2$ calculate :-
 $3c + d^2$

21 Calculate $\frac{5}{12} - \frac{1}{3}$

22 Calculate the capacity of this water tank in litres.

23 Calculate the missing angle...

24 Write 72% as a fraction and a decimal.

25 Calculate $3 \div 0.5$
Exchange Rate:-
 £1 = €1.15

26 Solve the equation...
 $6x - 1 = 2$

27 A square has an area of 49 cm^2 . Calculate its perimeter.

28 Calculate 85% of €60

29 How long did a plane take to fly 2100 kilometres to Malaga at an average speed of 600 km/hr?

30 Sophie sees the same pair of sun glasses for sale at 2 different prices. Which price is the best deal?

Price in Pounds: £8.95
Price in Euros: €9.95

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Numeracy for Learning, Life and Work



June CfE 3rd Level Calendar

#abitofmathseveryday



1

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