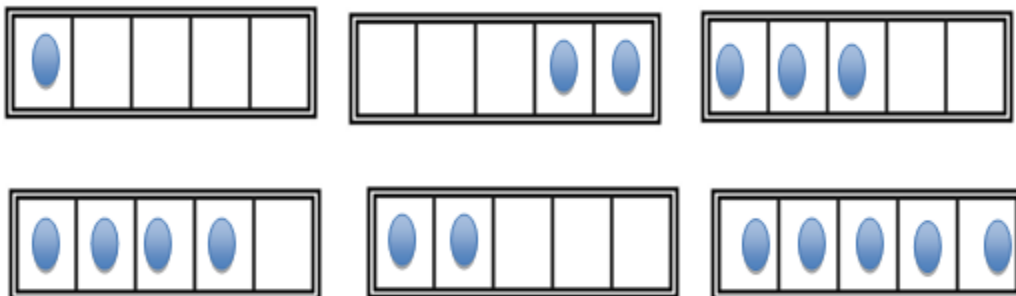


Day 1 **How Many More to Five** (Source: mathlearningcenter.org)

Fill in the Equations.

| | | |
|-----------------------------|-----------------------------|-----------------------------|
| $1 + \underline{\quad} = 5$ | $5 = \underline{\quad} + 2$ | $5 = 3 + \underline{\quad}$ |
| $4 + \underline{\quad} = 5$ | $2 + \underline{\quad} = 5$ | $5 = 5 + \underline{\quad}$ |

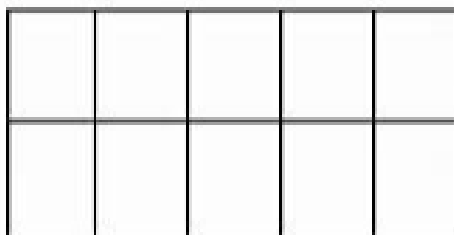
You can use these 5 frames to help you.



How Many More to Ten (Source: mathlearningcenter.org)

Fill in the Equations.

| | | |
|------------------------------|------------------------------|------------------------------|
| $3 + \underline{\quad} = 10$ | $10 = \underline{\quad} + 5$ | $10 = 7 + \underline{\quad}$ |
| $6 + \underline{\quad} = 10$ | $1 + \underline{\quad} = 10$ | $10 = 2 + \underline{\quad}$ |

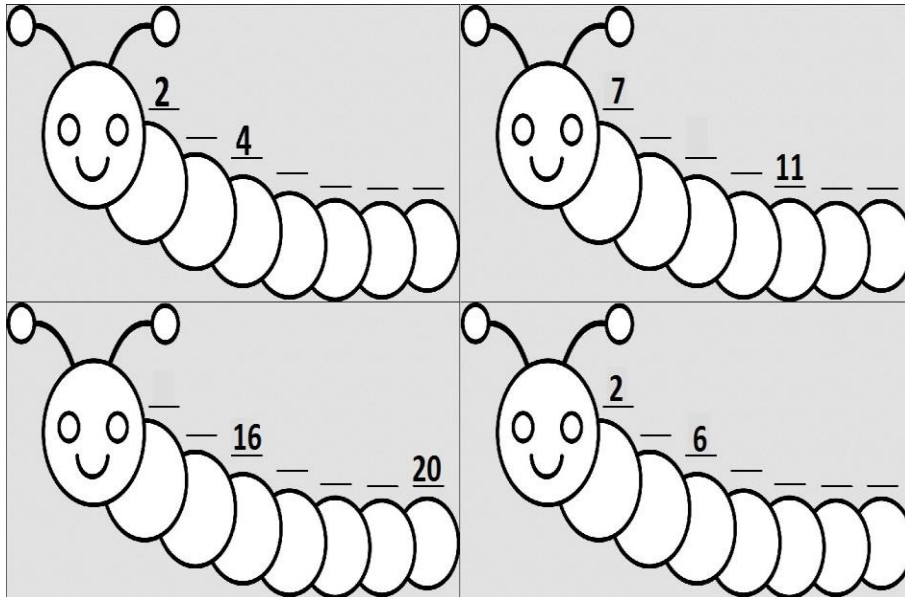


Use the 10 frame to help you answer the questions above.

Day 2

Caterpillar Challenge

Complete the following number sequences and create spots on the caterpillar's body that represents the number above it. (Source: <https://www.openmiddle.com/>)



1-2 Nim Game

Materials: About 10 coins, or any other object.

Place a small pile of coins between two players. Players take turns removing one or two coins from the pile. You must take at least one coin on your turn, but you may not take more than two. Whoever takes the last coin is the winner.

You can play 1-2 Nim with anything: pennies, beans, socks, lines on a piece of paper, etc. (Source: mathforlove.org)

Day 3 What Comes Next? (Source: mathlearningcenter.org)

Write the number that comes next when you are counting. The first one is done.

| | | |
|---------|------|------|
| 9... 10 | 6... | 4... |
| 8... | 5... | 2... |
| 0... | 1... | 3... |

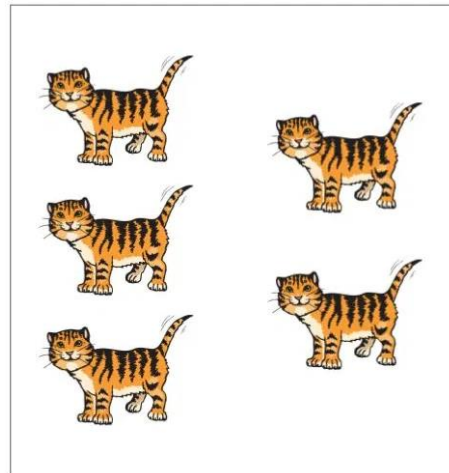
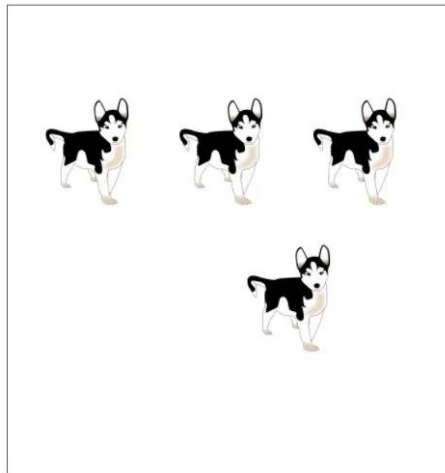
Which One Doesn't Belong?

Choose one item in this picture that you don't think it belongs with the rest. Explain why. Can you pick another item and give a different reason? (Source: talkingmathwithkids.com)



Noticing

In one column, list the things that are the same in this picture, and in the other column, list the things that are different. (Source: <https://samedifferentimages.wordpress.com/>)



| same | different |
|------|-----------|
| | |
| | |
| | |

Day 4

What Comes Before? (Source: mathlearningcenter.org)

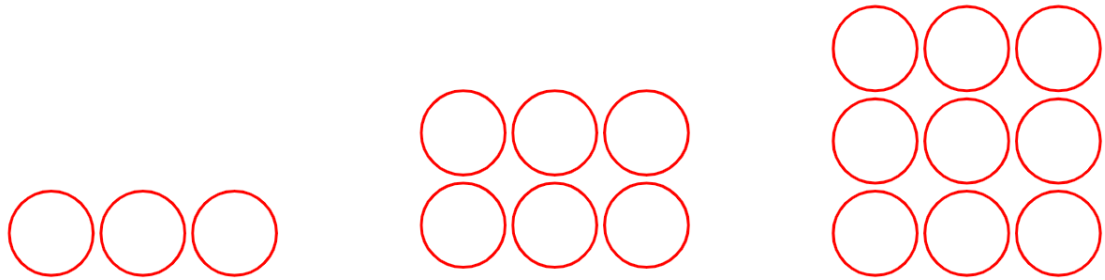
Write the number that comes before when you are counting. The first one is done.

| | | |
|---------|-------|-------|
| 8 ... 9 | ... 8 | ... 1 |
| ... 6 | ... 2 | ... 3 |

| | | |
|-------|--------|-------|
| ... 4 | ... 10 | ... 7 |
|-------|--------|-------|

Visual Pattern

Below is a pattern of circles in stages 1-3 below. Draw what you think stage 4 might look like. Label how many circles are in each stage. (Source: visualpatterns.org)



Day 5

Practice (Source: mathlearningcenter.org)

Add (+) or subtract (-). Use counters, ten-frames, or draw pictures if you wish.

1 Solve each addition problem.

$$\begin{array}{r} 4 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 0 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ + 3 \\ \hline \end{array}$$

2 Solve each subtraction equation.

$5 - 0 = \underline{\quad}$

$5 - 4 = \underline{\quad}$

$5 - 2 = \underline{\quad}$

$5 - 3 = \underline{\quad}$

$5 - 5 = \underline{\quad}$

$5 - 1 = \underline{\quad}$

Make It Ten (Source: mathforlove.org)

Materials: Just your hands!

This is a super-quick, cooperative game for two people. One person puts forward some number of fingers. The second person puts forward the number of fingers required to “Make It Ten.”

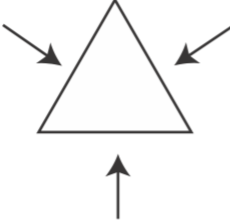


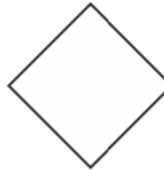
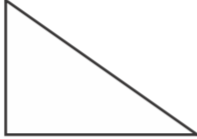
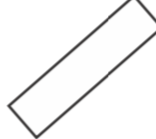



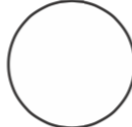
When there are ten fingers forward, the two players give each other a “high ten.”



Day 1

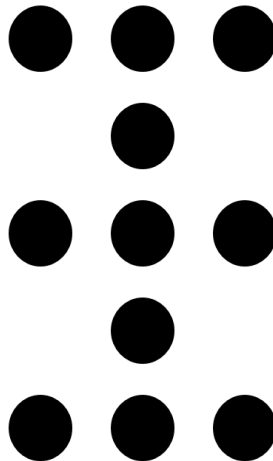
Shapes (Source: mathlearningcenter.org)

Count and record the number of *sides* on each shape. You can add an arrow on each side if it helps.

| | | | |
|--|---------------------------------|---|------------------------|
| <p>triangle</p>  | <p>How many sides?</p> <p>3</p> | <p>rhombus</p>  | <p>How many sides?</p> |
| <p>rectangle</p>  | <p>How many sides?</p> | <p>square</p>  | <p>How many sides?</p> |
| <p>triangle</p>  | <p>How many sides?</p> | <p>rectangle</p>  | <p>How many sides?</p> |
| <p>square</p>  | <p>How many sides?</p> | <p>hexagon</p>  | <p>How many sides?</p> |
| <p>trapezoid</p>  | <p>How many sides?</p> | <p>CHALLENGE circle</p>  | <p>How many sides?</p> |

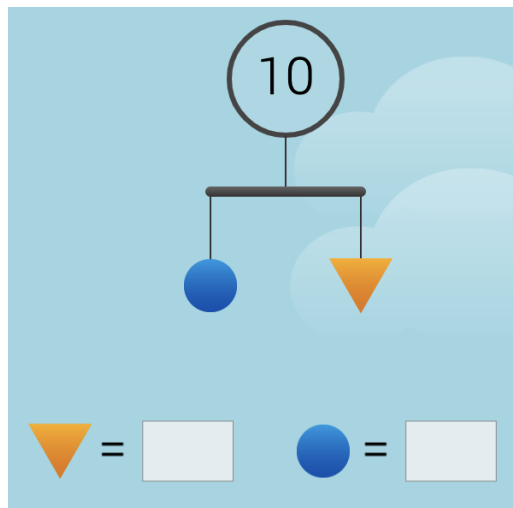
Dot Card Counting (Source: <https://www.openmiddle.com/>)

How can we figure out how many dots there are below?



Mobile (Source: <https://solveme.edc.org/Mobiles.html>)

What is the value of the triangle? What is the value of the circle?



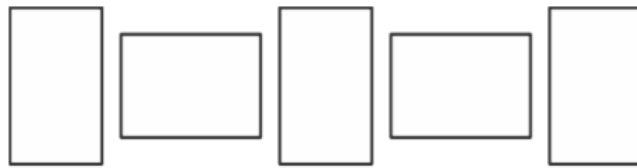
Shape Work (Source: mathlearningcenter.org)

Draw the three shapes you think should come next in each pattern below.

1



2



3



4



5



Play a game of snap

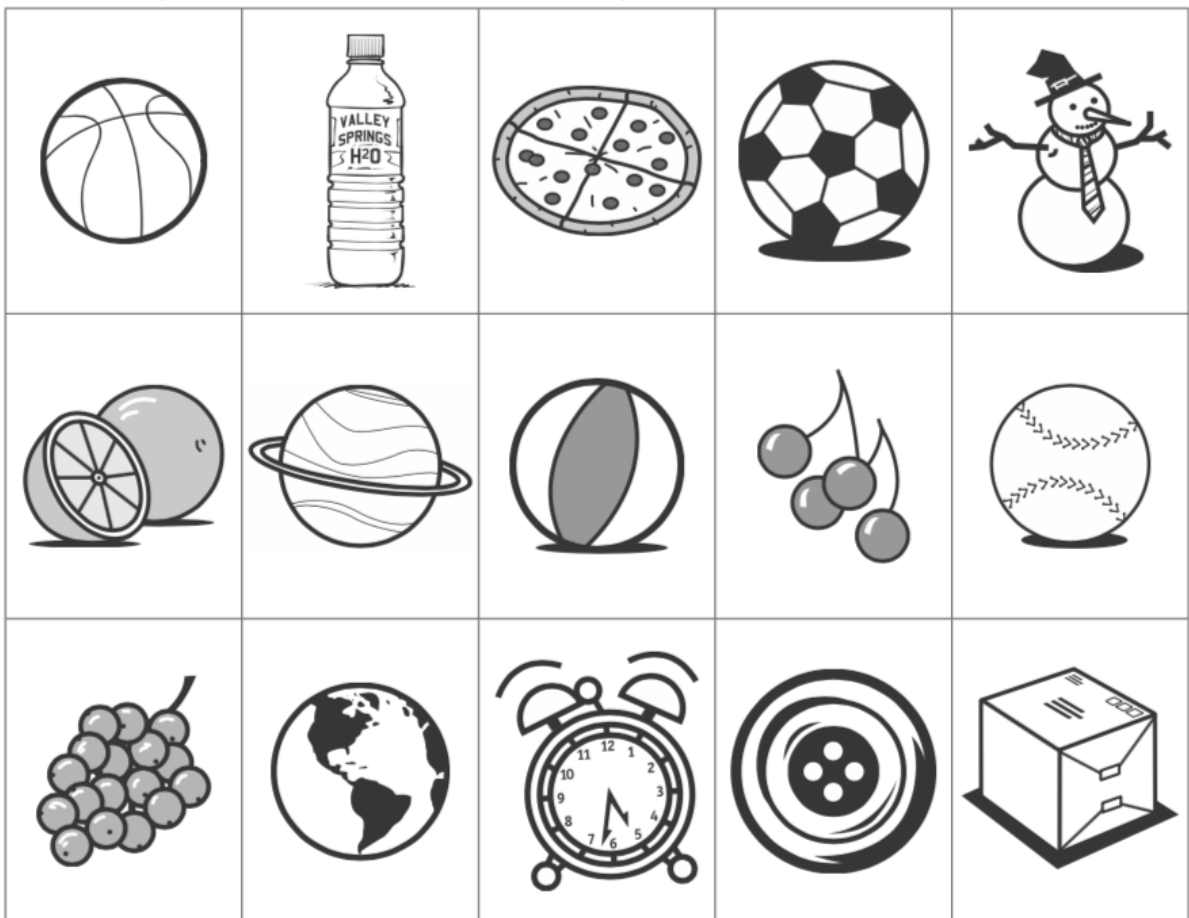
Materials: Playing cards

Count the shapes on the cards and match them to the number.



More Spheres (Source: mathlearningcenter.org)

Use crayons or colored pencils to colour in just the spheres.



How many pictures of spheres did you colour in? _____

Which One Doesn't Belong? (Source: wodb.ca)
















Choose a banana in this picture that you don't think belongs with the rest. Explain why. Can you pick another banana and give a different reason?



Day 4

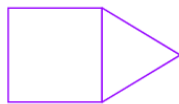
Squirrels (Source: mathlearningcenter.org)

Solve some Squirrels & Nuts problems. Help the squirrels get some nuts by adding and subtracting.

| | |
|--|---|
|  +  = <input type="text"/>  |  +  = <input type="text"/>  |
|  +  = <input type="text"/>  |  = <input type="text"/>  |
|  = <input type="text"/>  |  = <input type="text"/>  |

Visual Pattern (Source: visualpatterns.org)

Below is a pattern of shapes in stages 1-3 below. Draw what you think stage 4 might look like. Label how many shapes are in each stage.



Day 5

Wheels (Source: mathlearningcenter.org)

Write an equation that describes the number of **wheels** you see in the picture.



$$\square + \square = \square$$

Bicycles (Source: mathlearningcenter.org)

Can you count the wheels by 2s?



| | | | | | | | | | |
|---|---|--|--|----|--|--|----|--|--|
| 2 | 4 | | | 10 | | | 16 | | |
|---|---|--|--|----|--|--|----|--|--|

Day 1

Number Line (Source: mathlearningcenter.org)

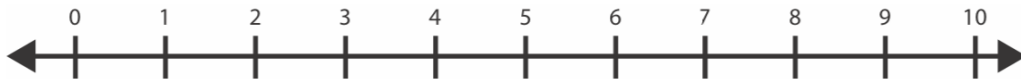
Fill in the missing numbers in the cards below.

| | | | | | | | | | | |
|---|--|---|--|--|--|---|--|--|---|--|
| 0 | | 2 | | | | 6 | | | 9 | |
|---|--|---|--|--|--|---|--|--|---|--|

a On the number line, circle the numbers greater than 7.



b On the number line, circle the numbers less than 4.



c On the number line, circle the number between 6 and 8.



d On the number line, circle the number that is 1 more than 5.



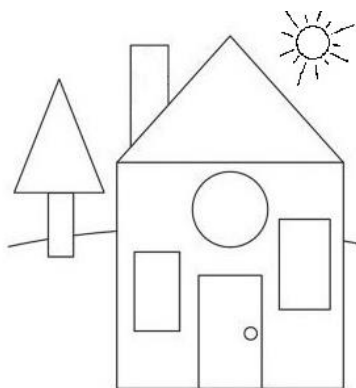
Domino Friends of Ten (Source: <https://www.openmiddle.com/>)

I picked 3 dominoes out of a bag and they all had exactly 10 pips, but the same number was not on both sides of any of the dominoes. Which dominoes could I have picked? Is there more than one answer?



Identifying Shapes (Source: <https://www.openmiddle.com/>)

Using the digits 1 to 6, at most once each time, fill in boxes and identify a shape in the blank to make as many of the following statements true as you can.



There are _____ in the picture

There are _____ in the picture


There are _____ in the picture

There are _____ in the picture

Day 2

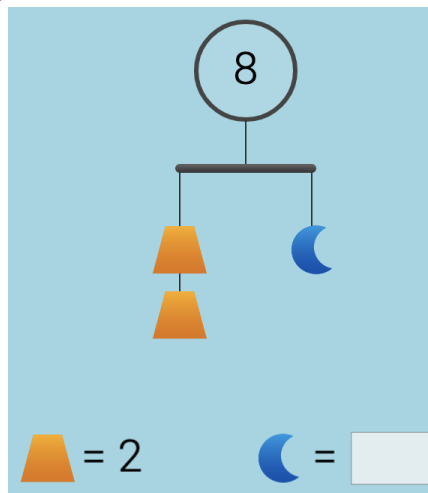
Circles (Source: mathlearningcenter.org)

Circles are all around us! Search all over your house for things with a circle shape—a clock or a plate, for example. Draw an item in a box (one clock in one box, one plate in another, for example), count how many you find, and write the number on the line. If there are too many to count, you could say “lots” or leave it blank.

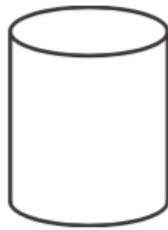
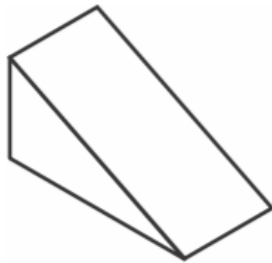
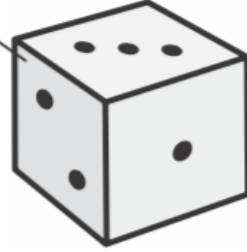
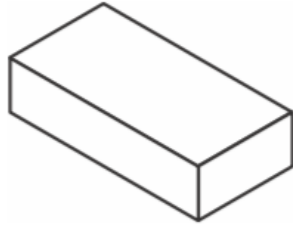
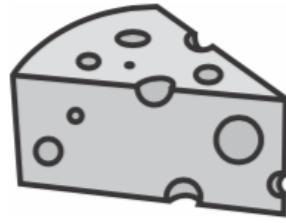
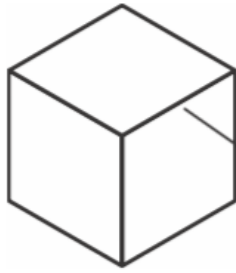
| | | | |
|---|------------------|------------------|------------------|
|  | | | |
| _____ | _____ | _____ | _____ |
| How many? | How many? | How many? | How many? |
| | | | |
| _____ | _____ | _____ | _____ |
| How many? | How many? | How many? | How many? |

Mobile (Source: <https://solveme.edc.org/Mobiles.html>)

What is the value of the triangle? What is the value of the circle?



Match the shapes.



Which One Doesn't Belong? (Source: @Zakchamp's tweet on March 21, 2020)

Choose a stuffed animal in this picture that you don't think belongs with the rest. Explain why. Can you pick another stuffed animal and give a different reason?

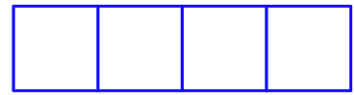
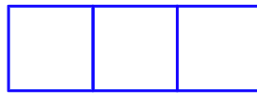
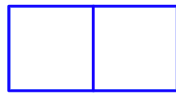


| same | different |
|------|-----------|
| | |
| | |
| | |

Day 4

Visual Pattern (Source: visualpatterns.org)

Below is a pattern of squares in stages 1-3 below. Draw what you think stage 4 might look like. Label how many squares are in each stage.

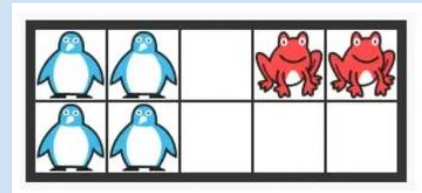
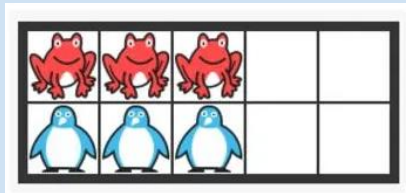


Day 5

Noticing (Source: <https://samedifferentimages.wordpress.com/>)

In one column, list the things that are the same in this picture, and in the other column, list the things that are different.

What is the same? What is different?



| same | different |
|------|-----------|
| | |
| | |
| | |
| | |