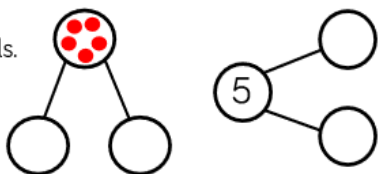


**Year 1 Addition and Subtraction Questions December 2018**

Complete the part whole models by drawing the counters then writing the numerals.



Here are seven pieces of fruit.



Put the fruit into a part whole model.



Complete the sentences.

..... is the whole.

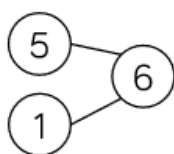
..... is a part, ..... is a part and ..... is a part.

4 is the whole.

Complete all the part whole models using different numbers for the parts each time.



Fill in the missing numbers.



$$1 + \square = 6$$

$$\square + 1 = 6$$

$$\square = \square + 1$$

$$6 = \square + \square$$

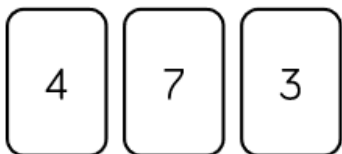
Complete the number sentences.



$$\square + \square = 7 \quad 7 = \square + \square$$

$$\square + \square = 7 \quad 7 = \square + \square$$

Use the number cards to make 4 addition sentences.



Show that 3 green cubes plus 4 red cubes is equal to 7 cubes.



Write this as a number sentence.

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

Here are some counters.



Group the counters by colour.

Fill in the gaps in this sentence and say it out loud.

..... red counters plus ..... yellow counters is equal to ..... counters.

Complete the number sentence.

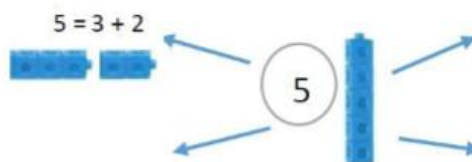
$$\square + \square = \square$$

Here are 5 cubes.



Break them apart in different ways to find all the number bonds to 5.

One is done for you.



Use seven double sided counters.

How many different ways to make 7 can you find? Record your findings in number sentences.

If 9 is the whole, what could the parts be?

Show your findings in part whole models.

Can you write an addition sentence for each part whole model?

Complete the number sentences.



$5 = 5 + 0$



$4 = 4 + 1$



$\dots = \dots + \dots$



$\dots = \dots + \dots$



$\dots = \dots + \dots$



$\dots = \dots + \dots$

Can you use a ten frame to show all the number bonds to 7? Remember to be systematic.

Complete the next beads strings in the sequence.



$6 = 6 + 0$



$6 = 5 + 1$



$6 = 4 + 2$

Have you found all of the number bonds?

Match the number bonds that are equal.

$4 + 5$

$7 + 1$

$2 + 6$

$6 + 3$

$4 + 2$

$3 + 3$

Compare using  $<$ ,  $>$  or  $=$

$5 + 5$  ○  $10$

$5 + 5$  ○  $8$

$2 + 5$  ○  $5 + 3$

Complete the number sentences.

$5 + 3 = 4 + \square$

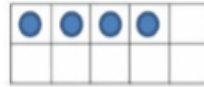
$7 + 3 > \square + 2$

Sam shows a number on his fingers.

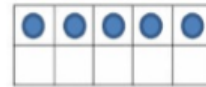


How many fingers are needed to make 10?

Use the ten frames to complete the number bonds to 10.



$4 + \square = 10$



$5 + \square = 10$

Can you make the ten frame that comes before in the sequence? Can you make the ten frame that comes next in the sequence?

All the ladybirds should have 10 spots. Some of the ladybirds have lost their spots. Complete the spots and the number sentences.



$4 + \square = 10$



$2 + \square = 10$

Match the number bonds that are equal.

$4 + 5$

$7 + 1$

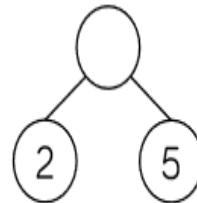
$2 + 6$

$6 + 3$

$4 + 2$

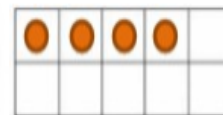
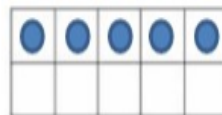
$3 + 3$

If 2 is a part and 5 is a part, what is the whole?



$\square + \square = \square$

There are 5 red cars and 4 blue cars. How many cars are there altogether?



$\square + \square = \square$

$\square = \square + \square$

How many tractors are there in total?



$$6 + \square = \square$$

There are ..... tractors.

How many aeroplanes are there altogether?



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

There are ..... aeroplanes.

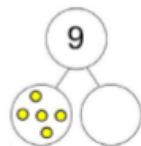
There are four pennies in a bag and I add two more. How many do I have now?



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

There are ..... pennies.

Complete the part whole model.



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

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

5 is a part,  
..... is a part.  
The whole is 9

There are seven cars in total. Seven of them are green. How many of them are yellow?

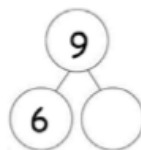


$$\square + \square = \square$$

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

7 is a part,  
..... is a part.  
The whole is 7

Write your own story to complete the part whole model.



There were 7 birds in a tree and 3 fly away.



At first there were \_\_\_ birds in the tree. Then \_\_\_ flew away. Now there are \_\_\_ birds in the tree.

Complete the sentences to create a story and draw a part whole model.

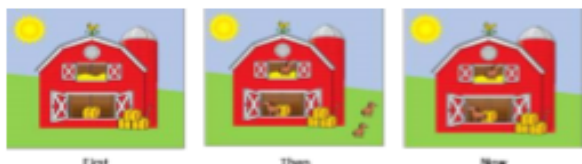


At first there were \_\_\_\_\_.

Then \_\_\_\_\_ were eaten.

Now there are \_\_\_\_\_.

Complete the sentences and draw the missing horses required.



First there were \_\_\_ horses in the barn. Then \_\_\_ galloped away.

Now there are \_\_\_ horses in the barn.

Complete the number sentence



$$\boxed{7} - \boxed{2} = \boxed{\phantom{00}}$$

Create a story to represent the calculation.

Tom has 9 toy cars. He gives 5 of them away. How many does he have left?

$$\boxed{\phantom{00}} - \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

At first there were 10 monkeys. Then 7 run up a tree. How many are left?

Use counters/cubes to help you solve this and complete:

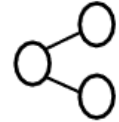
$$\boxed{\phantom{00}} - \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

$$\boxed{\phantom{00}} - \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

How many dogs do not have spots?



$$\boxed{6} - \boxed{2} = \boxed{\phantom{00}}$$



There are \_\_\_ dogs that do not have spots.

There are 9 party hats altogether. 4 of them are red. The rest are blue. How many are blue?

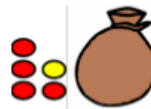
$$\boxed{9} - \boxed{\phantom{00}} = \boxed{\phantom{00}}$$



There are \_\_\_ blue party hats.

In total there are 8 counters. How many are in the bag?

Show this in a part whole model and as a calculation.



Using the image, how many calculations can you create?



$\boxed{\phantom{00}} + \boxed{\phantom{00}} =$	$\boxed{\phantom{00}} = \boxed{\phantom{00}} - \boxed{\phantom{00}}$
$\boxed{\phantom{00}} + \boxed{\phantom{00}} =$	$\boxed{\phantom{00}} = \boxed{\phantom{00}} - \boxed{\phantom{00}}$
$\boxed{\phantom{00}} - \boxed{\phantom{00}} =$	$\boxed{\phantom{00}} = \boxed{\phantom{00}} + \boxed{\phantom{00}}$
$\boxed{\phantom{00}} - \boxed{\phantom{00}} =$	$\boxed{\phantom{00}} = \boxed{\phantom{00}} + \boxed{\phantom{00}}$

There are 6 hats on a shelf. 5 of them are yellow and 1 is red.

Complete 8 number sentences.

There are 10 ducks in a pond. 10 of them fly away.

Complete 8 number sentences.

Complete:



$$\boxed{6} - \boxed{3} = \boxed{\phantom{0}}$$



$$\boxed{4} - \boxed{4} = \boxed{\phantom{0}}$$

Use the number line to count back and match the calculations.



$7 - 3 = \boxed{\phantom{0}}$

$6 - 6 = \boxed{\phantom{0}}$

$10 - 6 = \boxed{\phantom{0}}$

$5 - 0 = \boxed{\phantom{0}}$

$9 - 4 = \boxed{\phantom{0}}$

$4 - 4 = \boxed{\phantom{0}}$

Can you think of any other number sentences which could match to them?

I count backwards from 9. How many steps does it take me to get to two? Complete the number sentence:

$$\boxed{\phantom{0}} - \boxed{\phantom{0}} = \boxed{\phantom{0}}$$

How many more cakes does Beth have than Stephen?

Beth 

Stephen 

Beth has \_\_\_\_\_ more cakes than Stephen.

What's the difference between 10 and 6?



The difference between 10 and 6 is \_\_\_\_

$$10 - 6 =$$

Rob has 7 sweets and Kylie has 3 sweets.

How many more sweets does Rob have?

How can you show this using cubes, counters or as an image?

Rob has \_\_\_\_\_ more sweets than Kylie.

The difference between 7 and 3 is \_\_\_\_\_

$$7 - 3 = \underline{\quad}$$

Complete the sentences.



$3 + 1$  is greater than 2

$3 + 1$  is greater than \_\_\_\_

$3 + 1$  is less than 6

$3 + 1$  is less than \_\_\_\_

One hen lays 3 eggs. Another lays 2 eggs.



Complete the sentence using greater than, less than or equal to.

2 and 3 is \_\_\_\_\_ 6

Complete the number sentences.

$$\square + \square \text{ is equal to } \square 7$$

$$\square + \square 4 \text{ is less than } \square 9$$

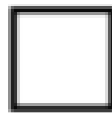
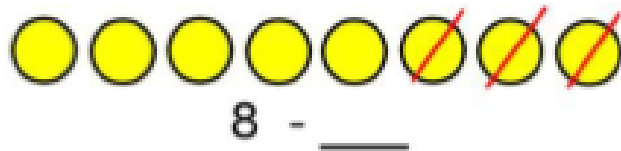
$$\square 5 + \square \text{ _____ } \square 2$$

Complete the following using  $<$ ,  $>$  or  $=$



$$\square + \square$$

$$\square + \square$$



Sarah has 8 sweets and eats 4 of them.

Charlotte has 7 sweets and eats some of them.

Complete the number sentence below to show that they now have the same amount of sweets.

$$8 - 4 \square 7 -$$

$$8 - 4 \text{ is equal to } 7 - \underline{\quad}$$