

Eva has 3 number cards.



She has written two number sentences.

$$3 + 5 = 2 \quad 3 = 5 + 2$$

Explain what Eva has done wrong.

Correct her number sentences and complete the fact families.

Mo says,



I am one year older than my sister.

My sister is one year older than my brother.

My brother is 7

How old is Mo?

Who is the oldest?  
Explain why.

Two children are discussing how some objects have been sorted.



These objects have been sorted into cubes and counters.

Dora

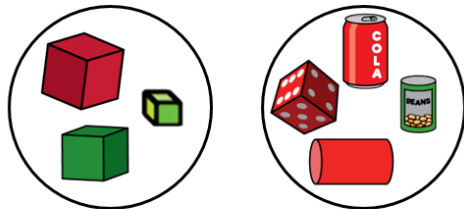


These objects have been sorted into green and yellow.

Jack

Who is correct? Convince me.

Some 3-D shapes have been sorted.



Have the shapes been sorted correctly?

Explain how you know.

How else could the shapes be sorted?

Using the numbers 0 – 9, how many ways can you fill in the boxes to make the calculation correct?

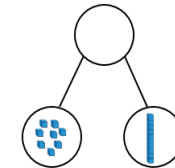
You can only use each number once.

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

How many different calculations are there?  
What do you notice?



Alex makes a part-whole model.



She says,



There are 8 tens and 1 one.

Explain her mistake.

What is her number?

Here is part of a shape.

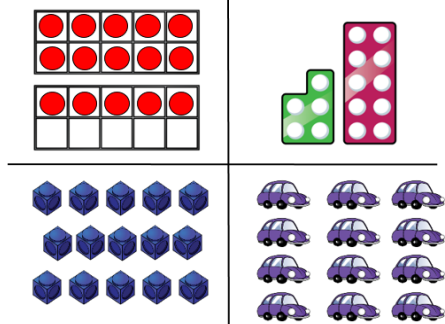


How many different ways can you complete the shape using one or more straight lines?

Compare your shape with a partner.

What is the same and what is different?

Which image is the odd one out?  
Why?



$$\text{circle} + \text{triangle} = 4$$

$$\text{triangle} + \text{circle} = 4$$

$$4 = \text{circle} + \text{triangle}$$

$$4 = \text{triangle} + \text{circle}$$

What could the circle and the triangle be worth?

## True or False?

One more than 7 is the same as one less than 9

Use a number track to help you.



Can you think of another statement like this?

Dora has three jars of sweets.



A = 12    B = \_\_\_\_    C = 17

She says,



A has the least sweets.  
C has the most sweets.

How many sweets could be in B?

Amir and Eva are making patterns.

Eva -

Amir -



Our patterns are exactly the same.

Our patterns are different.



Who do you agree with?

Explain your answer.