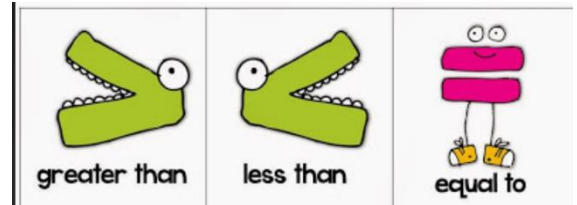
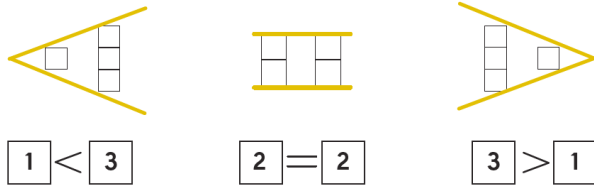


Complete work in the exercise books provided

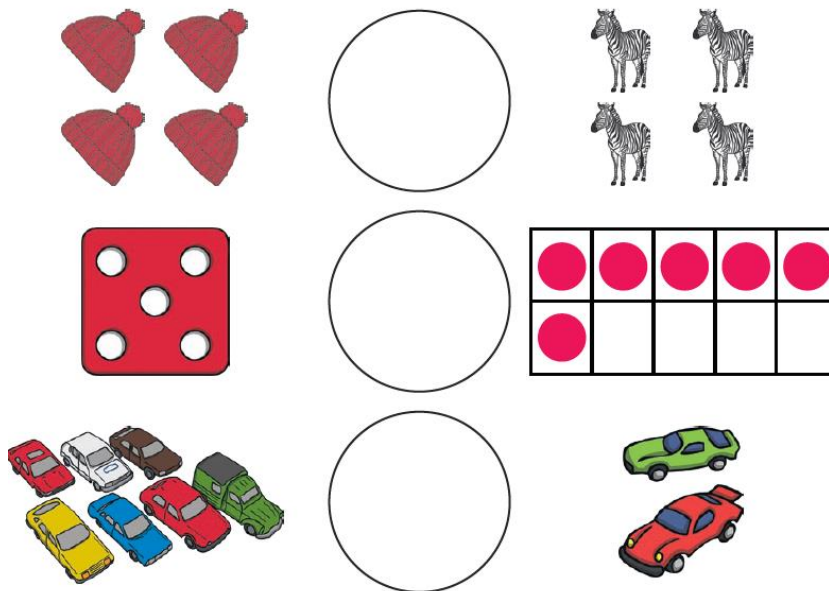
Challenge 1: Compare the following.

You may want to use cubes to explain the use of the symbols 'greater than', 'less than' and 'equal to'. For example,



1.

Use the symbols <, > or = to compare these objects.



2.

2 + 3		4 + 1
6 + 4		3 + 3
1 + 2		5 + 4

## Challenge 2: Compare number sentences

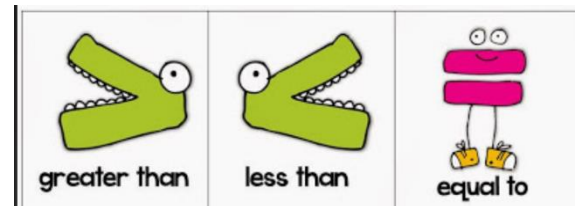
### Questions for discussions

What do each of the symbols mean?

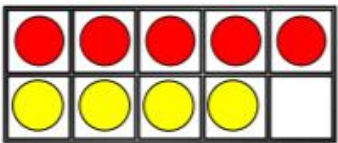
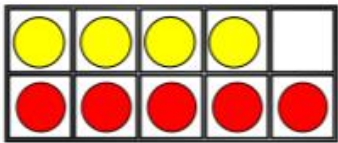
Do you always have to work out the answers to be able to compare calculations? Why?

Why might Tommy put 8 into the examples below?

e.g.  $7 + 1 = \underline{\quad} - 2$



Which card completes the number sentence?

	<div>is more than</div> <div>is less than</div> <div>is equal to</div>	
$5 + 4$		$4 + 5$

Use  $<$ ,  $>$  or  $=$  to compare the number sentences.

$$3 + 8 \bigcirc 8 + 3$$

$$18 - 5 \bigcirc 18$$

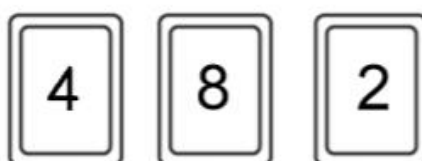
$$12 + 4 \bigcirc 12 - 4$$

Choose the correct digit card to make the number sentences correct.

$$13 - 5 < 13 - \underline{\quad}$$

$$16 - 4 = \underline{\quad} + 4$$

$$9 + \underline{\quad} > 9 + 1$$



Challenge 3: . Compare number sentences: reasoning and problem solving.

1.



Alex

Any number less than 11  
would make this correct.

$$7 + 11 < 7 + \underline{\quad}$$

Do you agree with Alex?

Explain why.



Whitney has 16 sweets and  
eats 7 of them.

Mo has 17 sweets and eats 8 of  
them.



Who has more sweets left?

Explain how you know.

2.

Dexter is working out which symbol to  
use to compare the number sentences.



$$14 - 5 \quad \bigcirc \quad 14 + 5$$

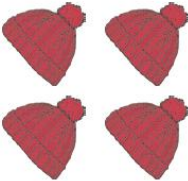
The missing symbol  
must be = because all  
of the numbers are the  
same.

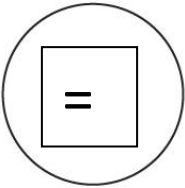
Do you agree with Dexter?


Explain why.

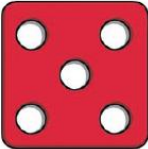
1.

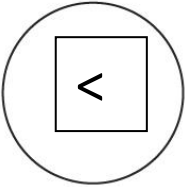
Use the symbols  $<$ ,  $>$  or  $=$  to compare these objects.

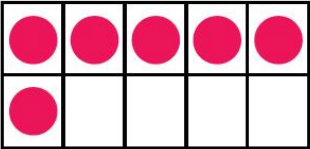





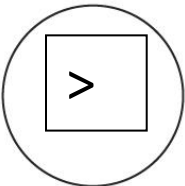













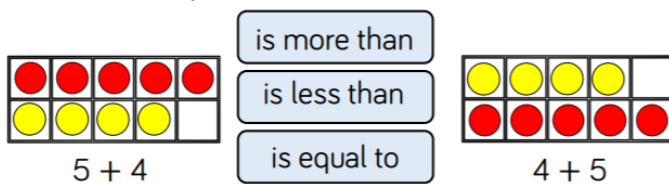


2.

$2 + 3$	$=$	$4 + 1$
$6 + 4$	$>$	$3 + 3$
$1 + 2$	$<$	$5 + 4$

## Answers Challenge 2

Which card completes the number sentence?



Use  $<$ ,  $>$  or  $=$  to compare the number sentences.

$$3 + 8 \bigcirc 8 + 3$$

$$18 - 5 \bigcirc 18$$

$$12 + 4 \bigcirc 12 - 4$$

1.  $5 + 4$  is equal to  $4 + 5$

2.

$$3 + 8 \boxed{=} 8 + 3$$

$$18 - 5 \boxed{<} 18$$

$$12 + 4 \boxed{>} 12 - 4$$

Choose the correct digit card to make the number sentences correct.

$$13 - 5 < 13 - \underline{\quad}$$

$$16 - 4 = \underline{\quad} + 4$$

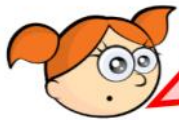
$$9 + \underline{\quad} > 9 + 1$$



$$13 - 5 < 13 - 2$$

$$16 - 4 = 8 + 4$$

$$9 + 4 > 9 + 1$$



Alex

Any number less than 11 would make this correct.

$$7 + 11 < 7 + \underline{\quad}$$

Alex is incorrect. She needs to use any number greater than 11

Do you agree with Alex?

Explain why.



Whitney has 16 sweets and eats 7 of them.

Mo has 17 sweets and eats 8 of them.



Mo and Whitney have the same.  
 $16 - 7$  is equal to  
 $17 - 8$

Who has more sweets left?

Explain how you know.

Dexter is working out which symbol to use to compare the number sentences.



$$14 - 5 \bigcirc 14 + 5$$

The missing symbol must be  $=$  because all of the numbers are the same.

Dexter is incorrect because when you take 5 away from 14 the answer will be smaller than when you add 5 to 14 so the correct symbol should be  $<$

Do you agree with Dexter?

Explain why.