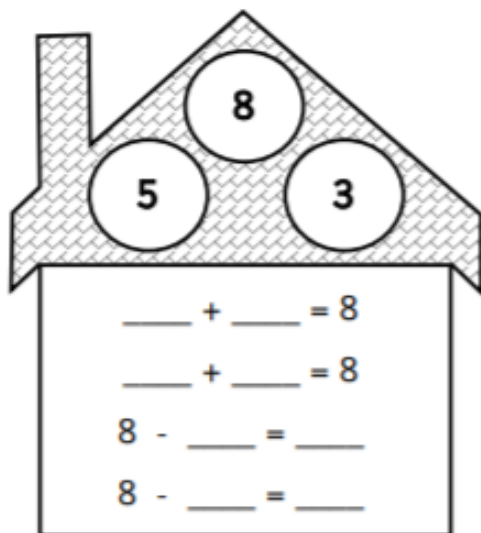


Go to <https://whiterosemaths.com/homelearning/year-1/spring-week-4-number-addition-and-subtraction-within-20/> and click on the 'SUBTRACTION CROSSING 10 - 1' video, Please ignore when it directs you to questions 1 and 2 on the worksheet. At the end of the video, have a go at these questions. If you are confident, there are some more on the next page!

Use the numbers in the roof to complete the fact families.



8

5

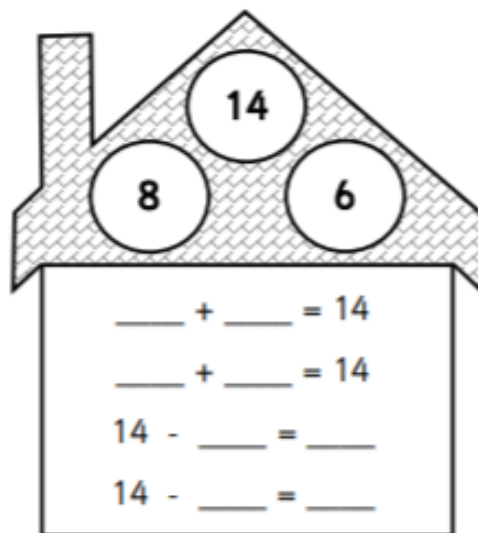
3

___ + ___ = 8

___ + ___ = 8

8 - ___ = ___

8 - ___ = ___



14

8

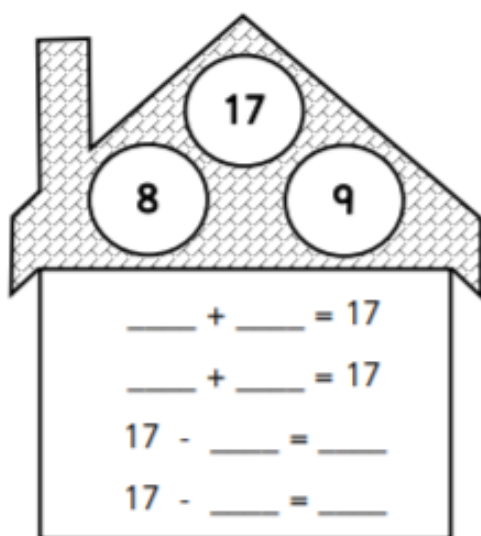
6

___ + ___ = 14

___ + ___ = 14

14 - ___ = ___

14 - ___ = ___



17

8

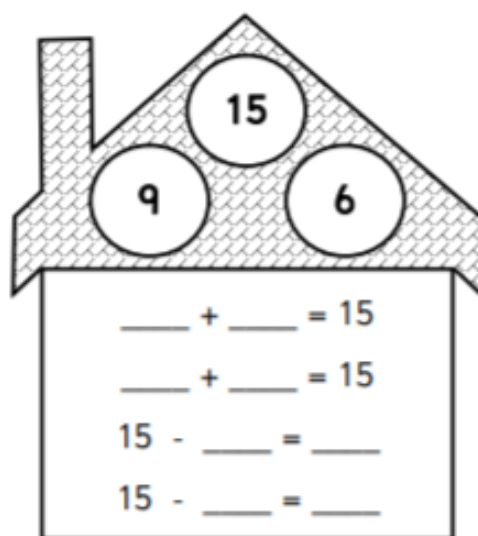
9

___ + ___ = 17

___ + ___ = 17

17 - ___ = ___

17 - ___ = ___



15

9

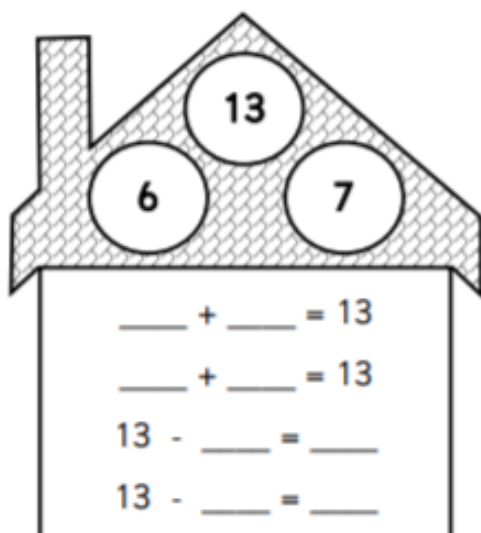
6

___ + ___ = 15

___ + ___ = 15

15 - ___ = ___

15 - ___ = ___



13

6

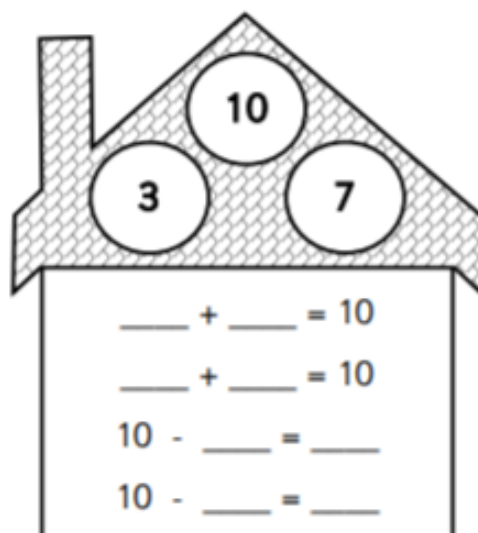
7

___ + ___ = 13

___ + ___ = 13

13 - ___ = ___

13 - ___ = ___



10

3

7

___ + ___ = 10

___ + ___ = 10

10 - ___ = ___

10 - ___ = ___

A house-shaped worksheet with a hatched roof. The roof contains three circles: the left one has the number 5, the right one has the number 3, and the top one is empty. The main body of the house contains four rows of math problems: two addition problems and two subtraction problems, each with blank lines for numbers and an equals sign.

A house-shaped worksheet with a hatched roof. The roof contains three circles: the top one has the number 14, the left one is empty, and the right one is empty. The main body of the house contains four rows of math problems: two addition problems and two subtraction problems, each with blank lines for numbers and an equals sign.

A house-shaped worksheet with a hatched roof. The roof contains three circles: the top one has the number 17, the left one is empty, and the right one is empty. The main body of the house contains four rows of math problems: two addition problems and two subtraction problems, each with blank lines for numbers and an equals sign.

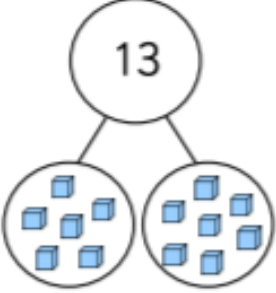
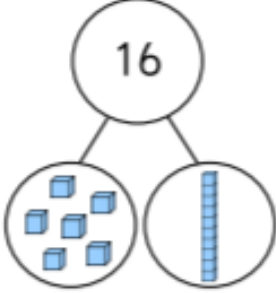
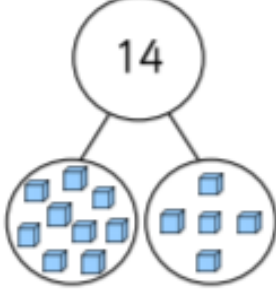
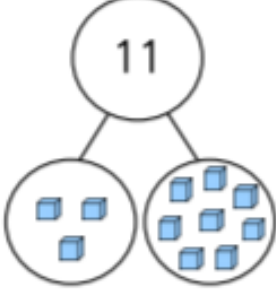
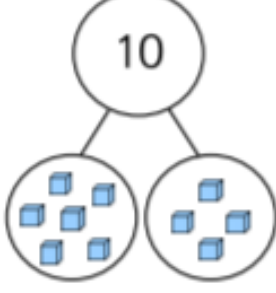
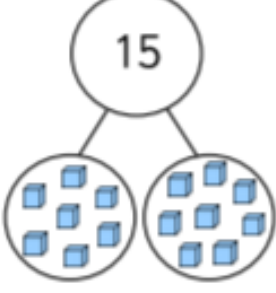
A house-shaped worksheet with a hatched roof. The roof contains three circles: the left one has the number 9, the right one has the number 6, and the top one is empty. The main body of the house contains four rows of math problems: two addition problems and two subtraction problems, each with blank lines for numbers and an equals sign.

A house-shaped worksheet with a hatched roof. The roof contains three circles: the top one has the number 13, the left one is empty, and the right one is empty. The main body of the house contains four rows of math problems: two addition problems and two subtraction problems, each with blank lines for numbers and an equals sign.

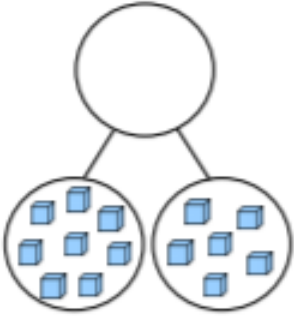
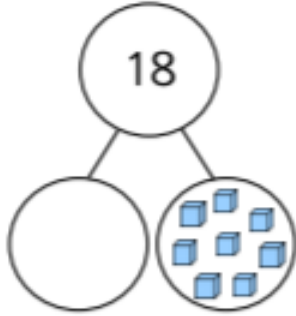
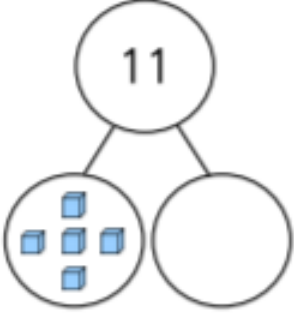
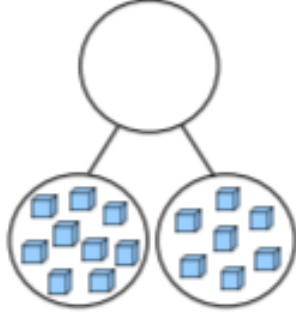
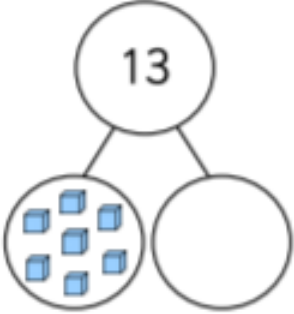
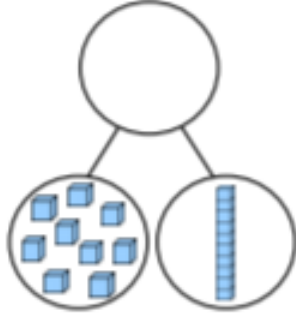
A house-shaped worksheet with a hatched roof. The roof contains three circles: the left one has the number 3, the right one has the number 7, and the top one is empty. The main body of the house contains four rows of math problems: two addition problems and two subtraction problems, each with blank lines for numbers and an equals sign.

Go to <https://whiterosemaths.com/homelearning/year-1/spring-week-4-number-addition-and-subtraction-within-20/> and click on the 'SUBTRACTION CROSSING 10 - 2' video, Please ignore when it directs you to questions 1 and 2 on the worksheet. At the end of the video, have a go at these questions

1 Use the part-whole diagrams to complete the related facts.

 <p>_____ + _____ = 13</p> <p>_____ + _____ = 13</p> <p>13 - _____ = _____</p> <p>13 - _____ = _____</p>	 <p>_____ + _____ = 16</p> <p>_____ + _____ = 16</p> <p>16 - _____ = _____</p> <p>16 - _____ = _____</p>
 <p>_____ + _____ = 14</p> <p>_____ + _____ = 14</p> <p>14 - _____ = _____</p> <p>14 - _____ = _____</p>	 <p>_____ + _____ = 11</p> <p>_____ + _____ = 11</p> <p>11 - _____ = _____</p> <p>11 - _____ = _____</p>
 <p>_____ + _____ = 10</p> <p>_____ + _____ = 10</p> <p>10 - _____ = _____</p> <p>10 - _____ = _____</p>	 <p>_____ + _____ = 15</p> <p>_____ + _____ = 15</p> <p>15 - _____ = _____</p> <p>15 - _____ = _____</p>

1 Complete the part-whole diagrams to help you complete the related facts.

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

Go to <https://whiterosemaths.com/homelearning/year-1/spring-week-4-number-addition-and-subtraction-within-20/> and click on the 'RELATED FACTS' video, At the end, have a go at completing these bar model questions:

1 Use the bar models to help you complete the related facts.

<table border="1" style="width: 100%; text-align: center;"> <tr><td colspan="2" style="background-color: #fce4ec;">18</td></tr> <tr><td style="background-color: #fff9c4;">10</td><td style="background-color: #fff9c4;">8</td></tr> </table> <p>_____ + _____ = 18</p> <p>_____ + _____ = 18</p> <p>18 - _____ = _____</p> <p>18 - _____ = _____</p>	18		10	8	<table border="1" style="width: 100%; text-align: center;"> <tr><td colspan="2" style="background-color: #fce4ec;">15</td></tr> <tr><td style="background-color: #fff9c4;">9</td><td style="background-color: #fff9c4;">6</td></tr> </table> <p>_____ + _____ = 15</p> <p>_____ + _____ = 15</p> <p>15 - _____ = _____</p> <p>15 - _____ = _____</p>	15		9	6
18									
10	8								
15									
9	6								
<table border="1" style="width: 100%; text-align: center;"> <tr><td colspan="2" style="background-color: #fce4ec;">14</td></tr> <tr><td style="background-color: #fff9c4;">6</td><td style="background-color: #fff9c4;">8</td></tr> </table> <p>_____ + _____ = 14</p> <p>_____ + _____ = 14</p> <p>14 - _____ = _____</p> <p>14 - _____ = _____</p>	14		6	8	<table border="1" style="width: 100%; text-align: center;"> <tr><td colspan="2" style="background-color: #fce4ec;">12</td></tr> <tr><td style="background-color: #fff9c4;">4</td><td style="background-color: #fff9c4;">?</td></tr> </table> <p>4 + _____ = _____</p> <p>_____ + 4 = _____</p> <p>_____ - 4 = _____</p> <p>_____ - _____ = 4</p>	12		4	?
14									
6	8								
12									
4	?								
<table border="1" style="width: 100%; text-align: center;"> <tr><td colspan="2" style="background-color: #fce4ec;">13</td></tr> <tr><td style="background-color: #fff9c4;">?</td><td style="background-color: #fff9c4;">9</td></tr> </table> <p>_____ + _____ = 13</p> <p>_____ + _____ = 13</p> <p>13 - _____ = _____</p> <p>13 - _____ = _____</p>	13		?	9	<table border="1" style="width: 100%; text-align: center;"> <tr><td colspan="2" style="background-color: #fce4ec;">?</td></tr> <tr><td style="background-color: #fff9c4;">11</td><td style="background-color: #fff9c4;">6</td></tr> </table> <p>_____ + 6 = _____</p> <p>6 + _____ = _____</p> <p>_____ - _____ = 6</p> <p>_____ - 6 = _____</p>	?		11	6
13									
?	9								
?									
11	6								

1 Use the bar models to help you complete the related facts.

<table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"> <tr style="background-color: #f8d7da;"><td style="text-align: center; padding: 5px;">19</td></tr> <tr style="background-color: #fff3cd;"><td style="text-align: center; padding: 5px;">9</td><td style="text-align: center; padding: 5px;">?</td></tr> </table> <p>_____ + _____ = _____</p> <p>_____ + _____ = _____</p> <p>_____ - _____ = _____</p> <p>_____ - _____ = _____</p>	19	9	?	<table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"> <tr style="background-color: #f8d7da;"><td style="text-align: center; padding: 5px;">15</td></tr> <tr style="background-color: #fff3cd;"><td style="text-align: center; padding: 5px;">?</td><td style="text-align: center; padding: 5px;">7</td></tr> </table> <p>_____ + _____ = _____</p> <p>_____ + _____ = _____</p> <p>_____ - _____ = _____</p> <p>_____ - _____ = _____</p>	15	?	7
19							
9	?						
15							
?	7						
<table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"> <tr style="background-color: #f8d7da;"><td style="text-align: center; padding: 5px;">?</td></tr> <tr style="background-color: #fff3cd;"><td style="text-align: center; padding: 5px;">8</td><td style="text-align: center; padding: 5px;">5</td></tr> </table> <p>_____ + _____ = _____</p> <p>_____ + _____ = _____</p> <p>_____ - _____ = _____</p> <p>_____ - _____ = _____</p>	?	8	5	<table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"> <tr style="background-color: #f8d7da;"><td style="text-align: center; padding: 5px;">13</td></tr> <tr style="background-color: #fff3cd;"><td style="text-align: center; padding: 5px;">9</td><td style="text-align: center; padding: 5px;">?</td></tr> </table> <p>_____ + _____ = _____</p> <p>_____ + _____ = _____</p> <p>_____ - _____ = _____</p> <p>_____ - _____ = _____</p>	13	9	?
?							
8	5						
13							
9	?						
<table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"> <tr style="background-color: #f8d7da;"><td style="text-align: center; padding: 5px;">14</td></tr> <tr style="background-color: #fff3cd;"><td style="text-align: center; padding: 5px;">?</td><td style="text-align: center; padding: 5px;">6</td></tr> </table> <p>_____ + _____ = _____</p> <p>_____ + _____ = _____</p> <p>_____ - _____ = _____</p> <p>_____ - _____ = _____</p>	14	?	6	<table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"> <tr style="background-color: #f8d7da;"><td style="text-align: center; padding: 5px;">?</td></tr> <tr style="background-color: #fff3cd;"><td style="text-align: center; padding: 5px;">9</td><td style="text-align: center; padding: 5px;">8</td></tr> </table> <p>_____ + _____ = _____</p> <p>_____ + _____ = _____</p> <p>_____ - _____ = _____</p> <p>_____ - _____ = _____</p>	?	9	8
14							
?	6						
?							
9	8						

WALT: compare number sentences.

Date: Thursday 28.1.2021

Go to <https://whiterosemaths.com/homelearning/year-1/spring-week-4-number-addition-and-subtraction-within-20/> and click on the 'COMPARE NUMBER SENTENCES' video, Ignore when it tells you to have a go at questions. Watch until the end then have a go at this task:

Instructions: Choose two number sentence cards and write them down, leaving a space between. Use small objects such as pasta, cheerios, raisins etc... to show what is happening in the number sentence, then you can use the symbols $<$ $>$ and $=$ to compare the amounts.

Remember, the crocodile likes to eat the big number!



$$13 - 4$$

$$18 - 10$$

$$12 - 7$$

$$17 - 8$$

$$15 - 9$$

$$11 - 9$$

$$6 + 13$$

$$8 + 5$$

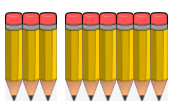
$$4 + 13$$

$$9 + 6$$

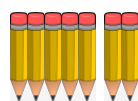
$$6 + 8$$

$$2 + 7$$

For example:



$$3 + 6$$



$$5 + 2$$

Remember how to use your symbols...

The greatest number $>$ The lesser number

The lesser number $<$ The greatest number

There is no new video for today but re-watching yesterday's video may help you with today's questions. Go to <https://whiterosemaths.com/homelearning/year-1/spring-week-4-number-addition-and-subtraction-within-20/> and click on the 'COMPARE NUMBER SENTENCES' video.

1 Compare the number sentences by writing **more than**, **less than** or **equal to**. Write the answer on the lines to help you.

a

●	●	●	●	●
●	●	●		

●	●	●	●	●
●	●	●	●	

$5 + 3 = \underline{\quad}$ $4 + 5 = \underline{\quad}$

b

●	●	●	●	●
●	●	●	●	●
●	●	●		

●	●	●	●	●
●	●	●	●	●
●	●	●	●	●
●	●	●	●	●

$7 + 6 = \underline{\quad}$ $19 - 6 = \underline{\quad}$

c

●	●	●	●	●
●	●	●	●	●
●	●	●	●	

●	●	●	●	●
●	●	●	●	●
●	●	●		

$8 + 6 = \underline{\quad}$ $6 + 7 = \underline{\quad}$

2 Compare the number sentences using either $<$, $>$ or $=$. Write the answer on the lines to help you.

a

●	●	●	●	●
●	●	●		

●	●	●	●	●
●	●	●	●	

$3 + 5 = \underline{\quad}$ $3 + 6 = \underline{\quad}$

b

●	●	●	●	●
●	●	●	●	●
●	●	●	●	●
●				

●	●	●	●	●
●	●	●	●	●
●	●	●	●	●
●	●	●		

$9 + 7 = \underline{\quad}$ $18 - 3 = \underline{\quad}$

- 1 Compare the number sentences using either $<$, $>$ or $=$.
Write the answers in the boxes to help you.

a	$7 + 8 =$ <input type="text"/>	_____	$9 + 6 =$ <input type="text"/>
---	-----------------------------------	-------	-----------------------------------

b	$7 + 9 =$ <input type="text"/>	_____	$20 - 3 =$ <input type="text"/>
---	-----------------------------------	-------	------------------------------------

c	$11 + 3 =$ <input type="text"/>	_____	$17 - 2 =$ <input type="text"/>
---	------------------------------------	-------	------------------------------------

d	$14 + 1 =$ <input type="text"/>	_____	$9 + 5 =$ <input type="text"/>
---	------------------------------------	-------	-----------------------------------

e	$4 + 5 =$ <input type="text"/>	_____	$16 - 7 =$ <input type="text"/>
---	-----------------------------------	-------	------------------------------------

f	$6 + 5 =$ <input type="text"/>	_____	$13 - 3 =$ <input type="text"/>
---	-----------------------------------	-------	------------------------------------

- 2 Choose a digit card to make the comparison sentences correct.
You may only use each card once.



$4 + 5 =$	$=$	$12 -$ _____
$3 +$ _____	$>$	$11 - 5$
$5 + 3 <$	$<$	$14 -$ _____