

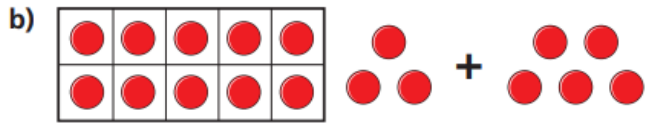
Wednesday worksheet (red / yellow groups):

Add ones using number bonds

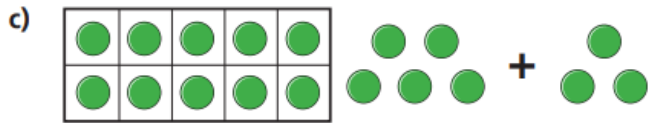
1 Complete the additions.



$$3 + 5 = \square$$

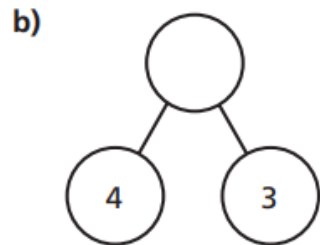
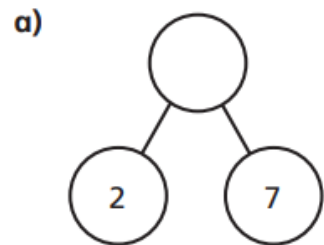


$$13 + 5 = \square$$



$$15 + 3 = \square$$

2 Complete the part-whole models.



3 Complete the additions.

a) $12 + 7 = \square$

b) $13 + 4 = \square$

$17 + 2 = \square$

$14 + 3 = \square$

$7 + 12 = \square$

$4 + 13 = \square$

$2 + 17 = \square$

$3 + 14 = \square$

4 Tick the additions that make 16

$14 + 2$	$15 + 2$	$10 + 6$	$1 + 16$
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$3 + 13$	$12 + 5$	$11 + 5$	$1 + 15$
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Diving into Mastery – Diving

Adult Guidance with Question Prompts

Children use the symbols + and = in calculations. They use part-whole models and other representations.

Children could draw circles (of two colours) to represent the toys in the ten-frame. Emphasise that efficiency is important so children shouldn't try to draw toys inside the ten-frame. They should use numerals in the calculation and sentences. They could use either circles or numerals in the part-whole model.

Children will need access to small toys or equipment (e.g. sorting bears, counters in two colours, etc.) and colouring pencils.

Can you point to the ten-frame/part-whole model/calculation/sentences?

How many toy men are there?

How many balls?

What quick drawing could we do to represent the toys in the ten-frame?

How can we show we have two different types?

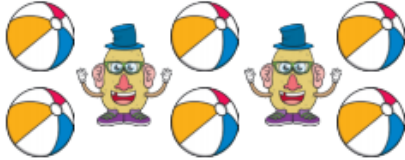
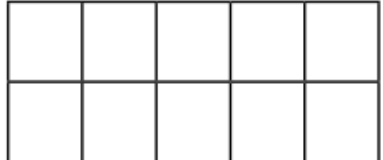
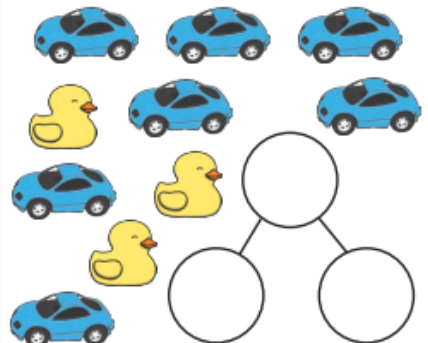
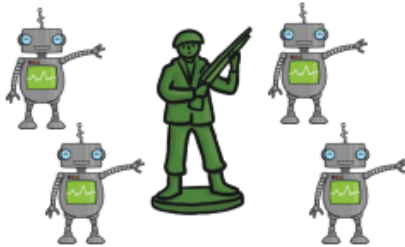

Can you explain why you did it that way?

Who has done it the same way as you? Who has done it differently? Why?

Adding Together



Represent these toys in different ways.

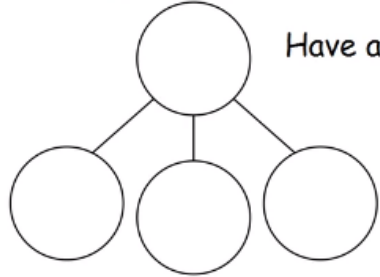
<p>ten-frame</p>  	<p>part-whole model</p> 
<p>calculation</p>  $\square + \square = \square$	<p>sentences</p>  The whole is _____. _____ is a part. _____ is a part.


Make a collection of two types of toys or equipment in your classroom. How many ways can you find to represent them?

Thursday worksheet: (Yellow/Red)

Using number bonds

$$13 + 3 =$$



Have a think 

5 Complete the additions.

$$\square + 5 = 9$$

$$\square + 2 = 9$$

$$8 + \square = 9$$

$$6 + \square = 9$$

6 Complete the additions.

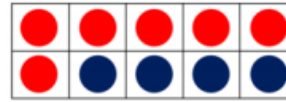
$$\square + 5 = 19$$

$$\square + 2 = 19$$

$$18 + \square = 19$$

$$16 + \square = 19$$

What number bond is represented in the pictures?

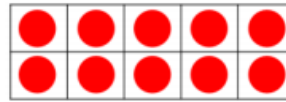


There are ___ red counters.

There are ___ blue counters.

Altogether there are ___ counters.

$$_ + _ = _ \quad _ + _ = _$$



There are ___ red counters.

There are ___ blue counters.

Altogether there are ___ counters.

$$_ + _ = _$$

$$_ + _ = _$$



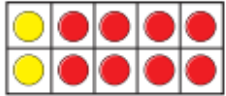
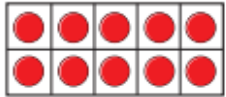
$$_ + _ = _$$


$$_ + _ = _$$



Friday worksheet: (Yellow/Red) **Find and make number bonds**

1 Complete the additions to match the ten frames.

a)  $\square + \square = \square$


 $\square + \square = \square$

b)  $\square + \square = \square$


 $\square + \square = \square$

c) What do you notice?

2 Complete the number bonds.

a) $4 + 6 = \square$

$4 + 16 = \square$

b) $5 + 5 = \square$

$5 + 15 = \square$

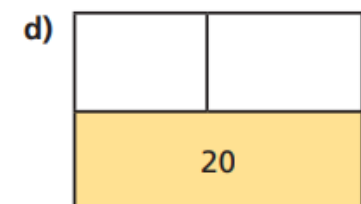
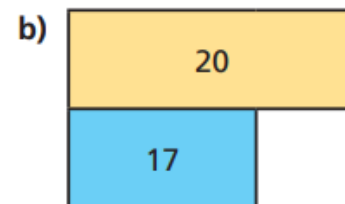
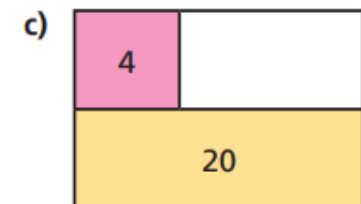
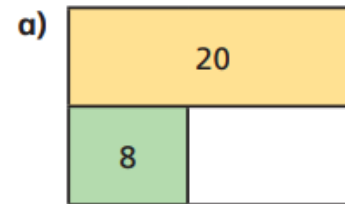
c) $10 = \square + 1$

$20 = \square + 1$

d) $10 = 3 + \square$

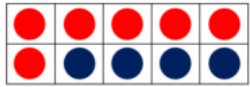
$20 = \square + 13$

3 Complete the bar models.

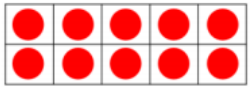


Friday worksheet: (Green)

What number bond is represented in the pictures?



There are ___ red counters.
 There are ___ blue counters.
 Altogether there are ___ counters.
 ___ + ___ = ___ ___ + ___ = ___

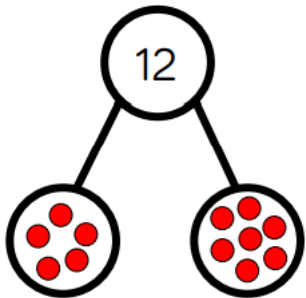


There are ___ red counters.
 There are ___ blue counters.
 Altogether there are ___ counters.



___ + ___ = ___
 ___ + ___ = ___

Continue the pattern to find all the number bonds to 12
 How do you know you have found them all?



$12 = 12 + 0$
 $12 = 11 + \underline{\quad}$
 $12 = 10 + \underline{\quad}$

Number Bond Sticks

Can you complete these number sentences using number bonds to 20?
 The first one has been done for you.



$$\boxed{19} + \boxed{1} = 20$$



$$\boxed{\quad} + \boxed{\quad} = 20$$



$$\boxed{\quad} + \boxed{\quad} = 20$$



$$\boxed{\quad} + \boxed{\quad} = 20$$



$$\boxed{\quad} + \boxed{\quad} = 20$$



$$\boxed{\quad} + \boxed{\quad} = 20$$



$$\boxed{\quad} + \boxed{\quad} = 20$$



$$\boxed{\quad} + \boxed{\quad} = 20$$