



Add by Counting On

Notes and Guidance

Children explore addition by counting on from a given number. They begin to understand that addition is commutative and that it is more efficient to start from the largest number. It is important that children see that they are not just adding two separate numbers or items, they are adding to what they already have. Ensure children do not include their start number when counting on.

Mathematical Talk

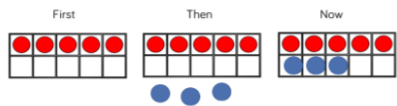
What number did you start with? Then what happened? Now what do I have?

What does each number represent? What do the counters represent?

How can I represent counting on using practical equipment?
How can I represent counting on using a bar model or a number line?

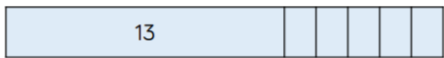
Varied Fluency

Use ten frames to complete the number story.

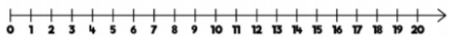


First there were ___ cars in the car park.
Then ___ more cars parked in the car park.
Now there are ___ cars in the car park.

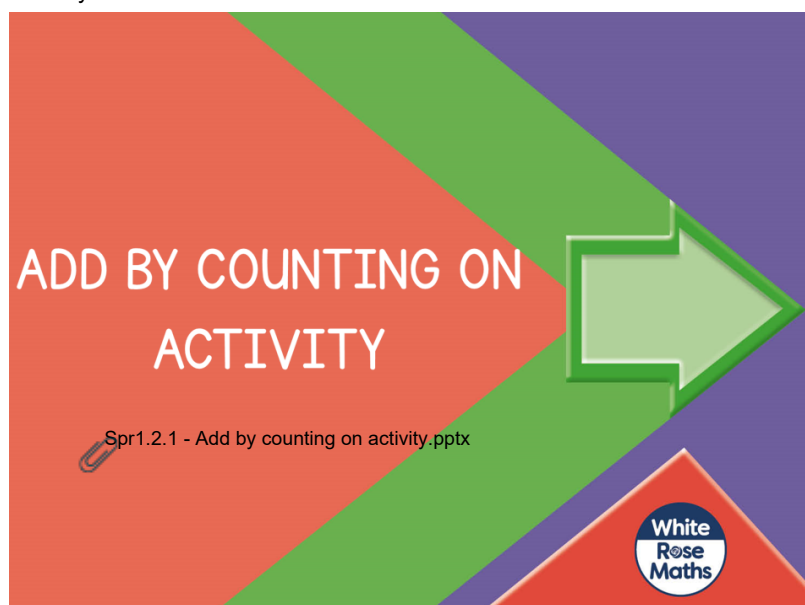
Eva has 13 prize tokens.
She wins 5 more.
How many prize tokens does Eva have now?



Mo starts at 9 and counts on 6 $9 + 6 = \square$
Show his calculation on the number line.



Monday

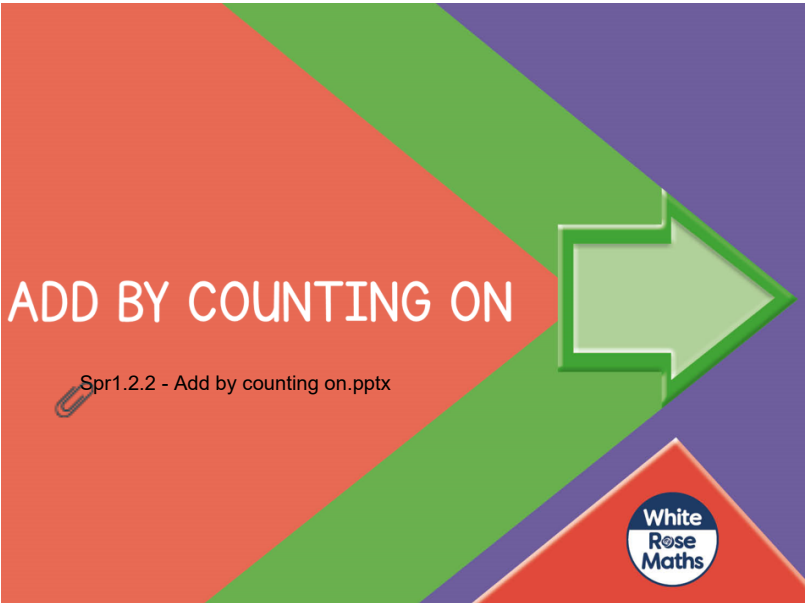


Video link


 <https://vimeo.com/490879063>

Tuesday

 <https://vimeo.com/490879463>



ADD BY COUNTING ON

 Spr1.2.2 - Add by counting on.pptx

White
Rose
Maths

Find & Make Number Bonds

Notes and Guidance

Children see that working systematically helps them to find all the possible number bonds to 20
They will use their knowledge of number bonds to 10 to find number bonds to 20
Using examples such as, 7 + 3, 17 + 3 or 7 + 13 encourages children to see the link between bonds to 10 and bonds to 20 and reinforces their understanding of place value.

Mathematical Talk

What strategy could you use to make sure you find all the number bonds?

What number bond can we see? How does this help us find the number bond to 20?

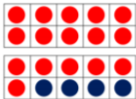
How does knowing your number bonds to 10 help you to work out your number bonds to 20?

Varied Fluency

What number bond is represented in the pictures?

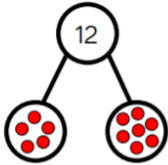


There are ___ red counters.
There are ___ blue counters.
Altogether there are ___ counters.
___ + ___ = ___ ___ + ___ = ___



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 + ___
12 = 10 + ___

Wednesday

 <https://vimeo.com/490879867>

ADD ONES USING NUMBER BONDS 1


 Spr1.2.3 - Add ones using number bonds.pptx



Thursday

 <https://vimeo.com/490879867>

ADD ONES USING
NUMBER BONDS 2

 Spr1.2.4 - Add ones using number bonds.pptx



Attachments

Spr1.2.1 - Add by counting on activity.pptx

Spr1.2.2 - Add by counting on.pptx

Spr1.2.3 - Add ones using number bonds.pptx

Spr1.2.4 - Add ones using number bonds.pptx