

Mathematics

Choosing calculation strategies to solve calculations

Mrs Bramble and Miss Charlton



OAK
NATIONAL
ACADEMY

Lesson agenda

To use a variety of strategies



To know which strategy is best to use



Independent Task



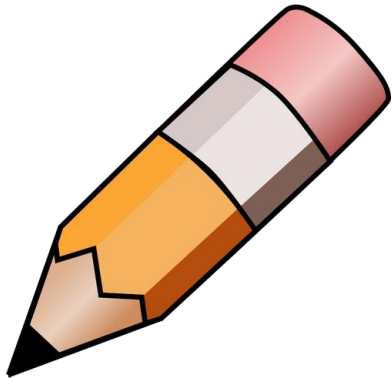
End of Lesson Quiz



You will need...

Item 1

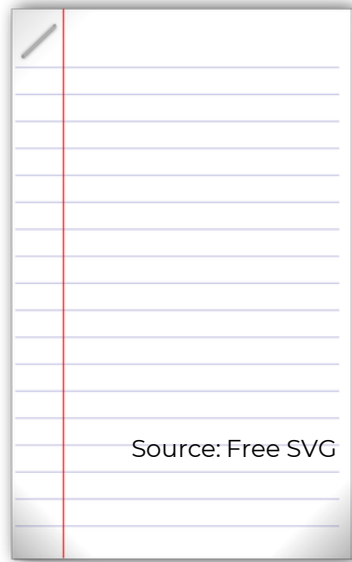
Pencil



Source: Free SVG

Item 2

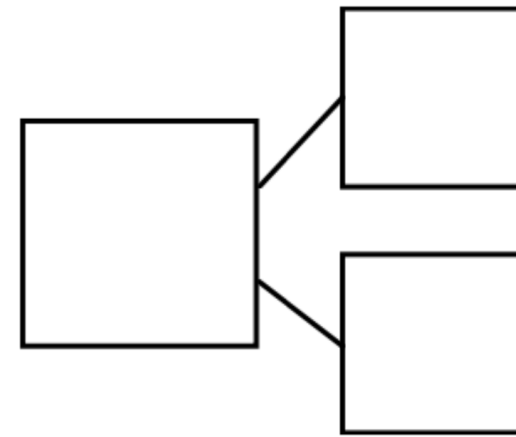
Paper



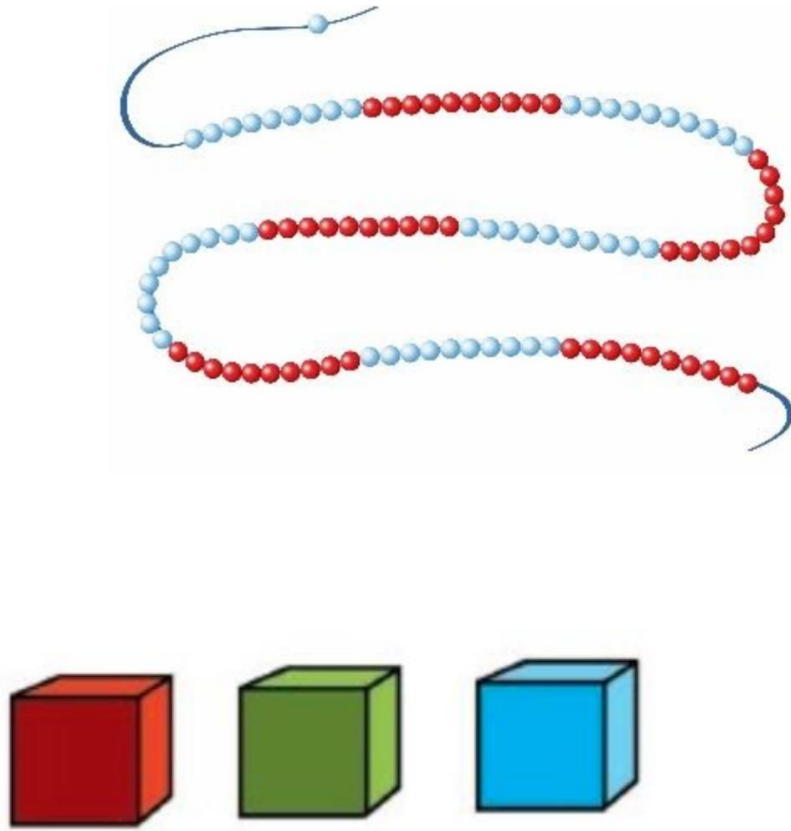
Source: Free SVG

Item 3

Part, whole
model



What could you use to help you add and subtract?



Which strategies do you know?

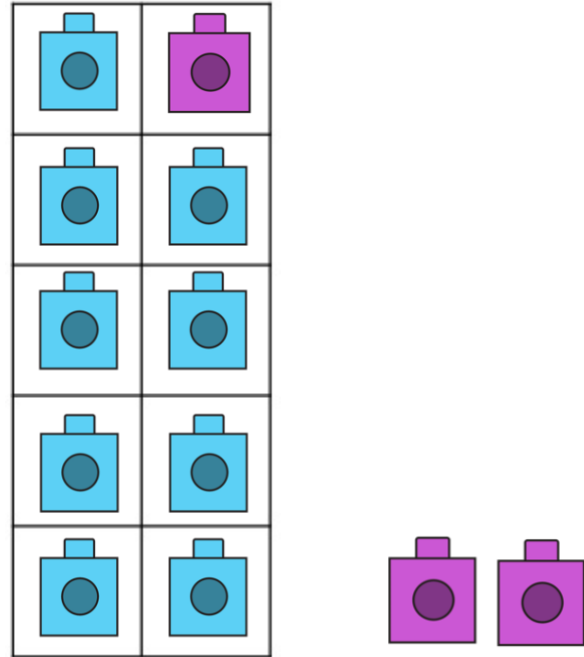
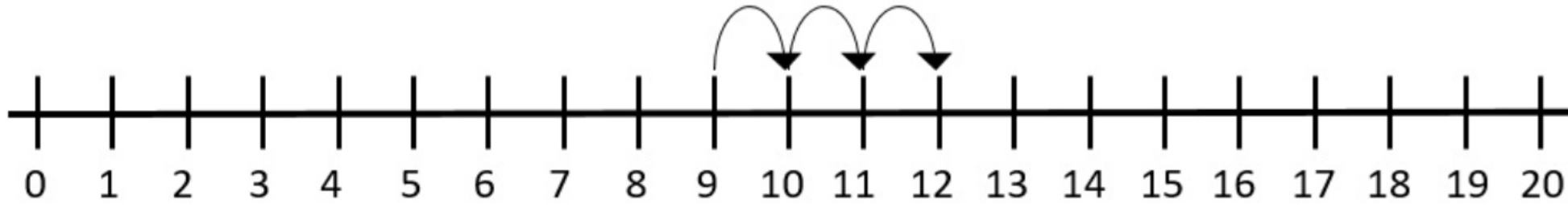
Make 10

Number bonds

Count on



How would you calculate $3 + 9$?



New Learning

Is counting on an efficient way to add $8 + 9$?

Could I use 'Make ten' to calculate $12 + 7$?





$5 + 7$
I'll use 'Make ten'.

Who agreed with this boy? Why?

Who would have used a different strategy?



$$8 + 4$$

I'll count on four from eight.



Who agreed with this girl? Why?

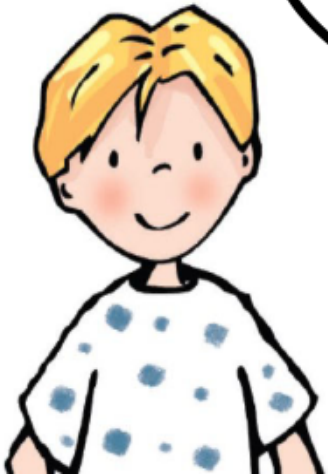
Who would have used a different strategy?



Independent Task

$$7 + 8$$

I'll use the near doubles strategy.



Independent Task

$$12 + 6$$

I'll use the number bond $2 + 6 = 8$.



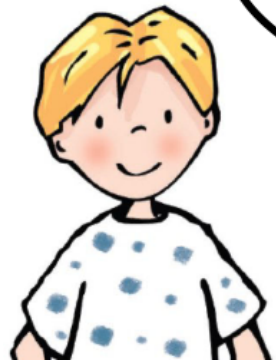
Pause the video to complete your task



Resume once you're finished



Answers



$$7 + 8$$

I'll use the near doubles strategy.

$$7 + 7 + 1 = 15$$

Is the same as

$$7 + 8 = 15$$



Answers

$$12 + 6$$

I'll use the number bond $2 + 6 = 8$.



$$12 + 6 = 8 + 10 = 18$$



Share your work with Oak National

If you'd like to, please ask your parent or carer to share your work on Twitter tagging **@OakNational** and **#LearnwithOak**



Now complete the quiz!

