

Mathematics

Using number bonds when subtracting

Mrs Bramble and Miss Charlton



OAK
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ACADEMY

Lesson agenda

To use the part,whole model for subtraction



To predict the answers of the subtraction calculations



Independent Task



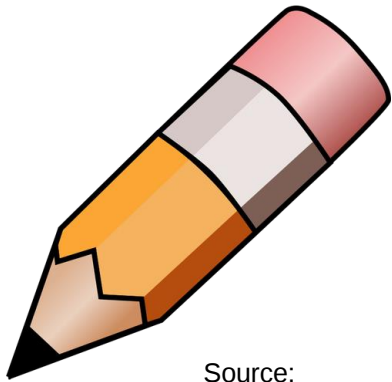
End of Lesson Quiz



You will need...

Item 1

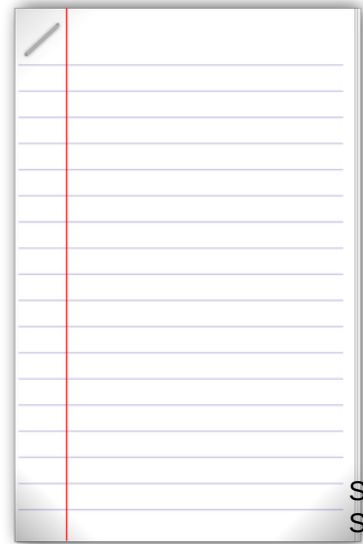
Pencil



Source:
Free SVG

Item 2

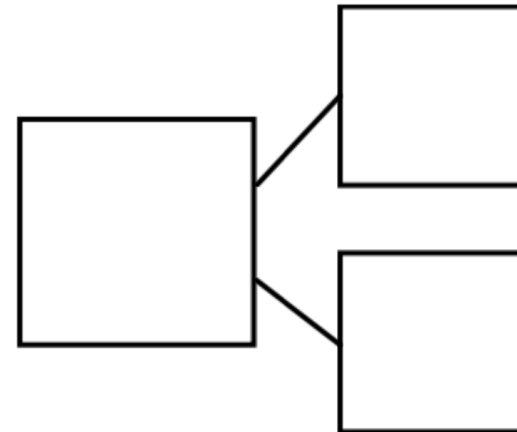
Paper



Source: Free
SVG

Item 3

Part, whole
model



Which strategy would you use?

'Make ten'

Count on

Number bonds

$$6 + 2$$

$$12 + 7$$

$$7 + 5$$

$$13 + 6$$

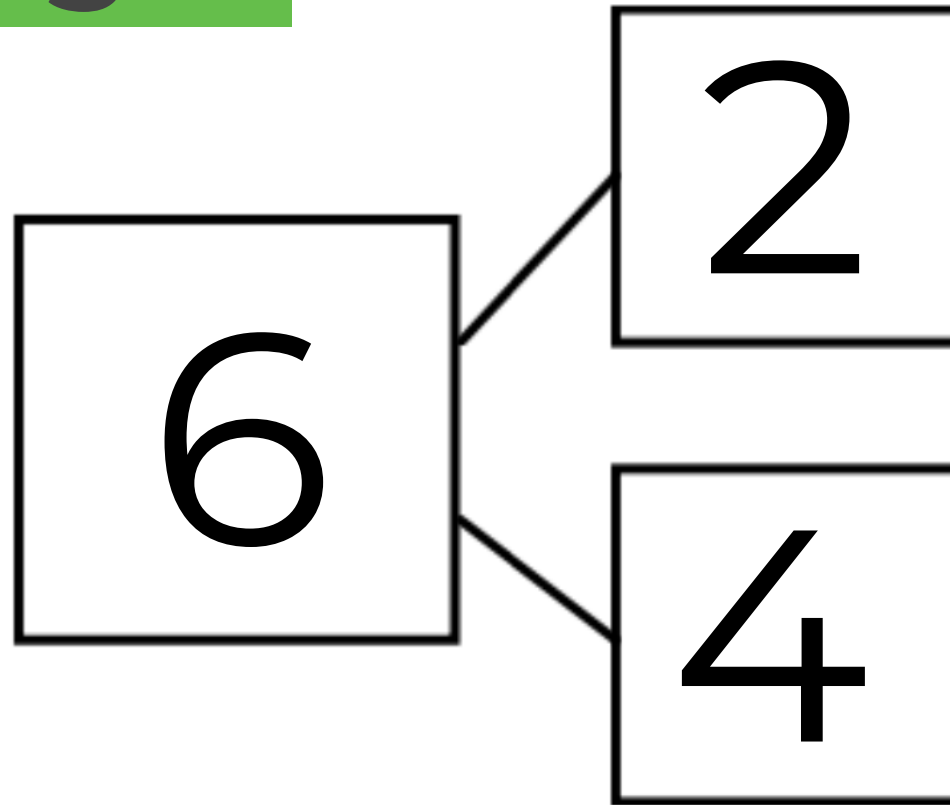
$$8 + 3$$

$$18 + 1$$



New Learning

If I know, then I know...

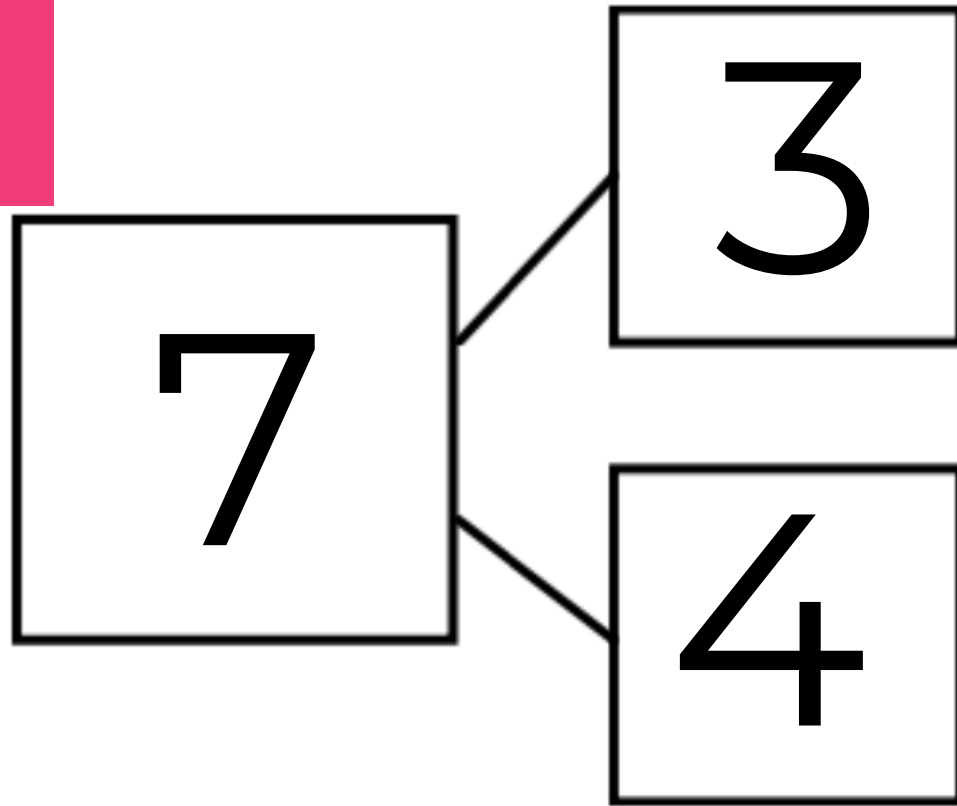


$$\boxed{2} \oplus \boxed{4} = \boxed{6}$$

$$\boxed{4} \oplus \boxed{2} = \boxed{6}$$



If I know, then I know...



$$\boxed{3} \oplus \boxed{4} = \boxed{7}$$

$$\boxed{4} \oplus \boxed{3} = \boxed{7}$$

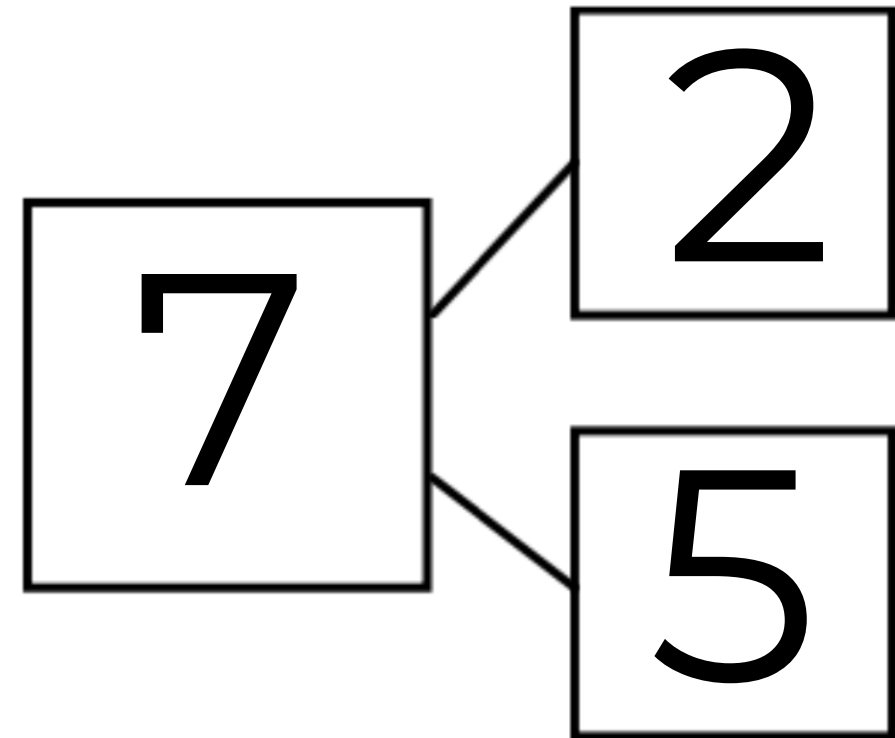


New Learning

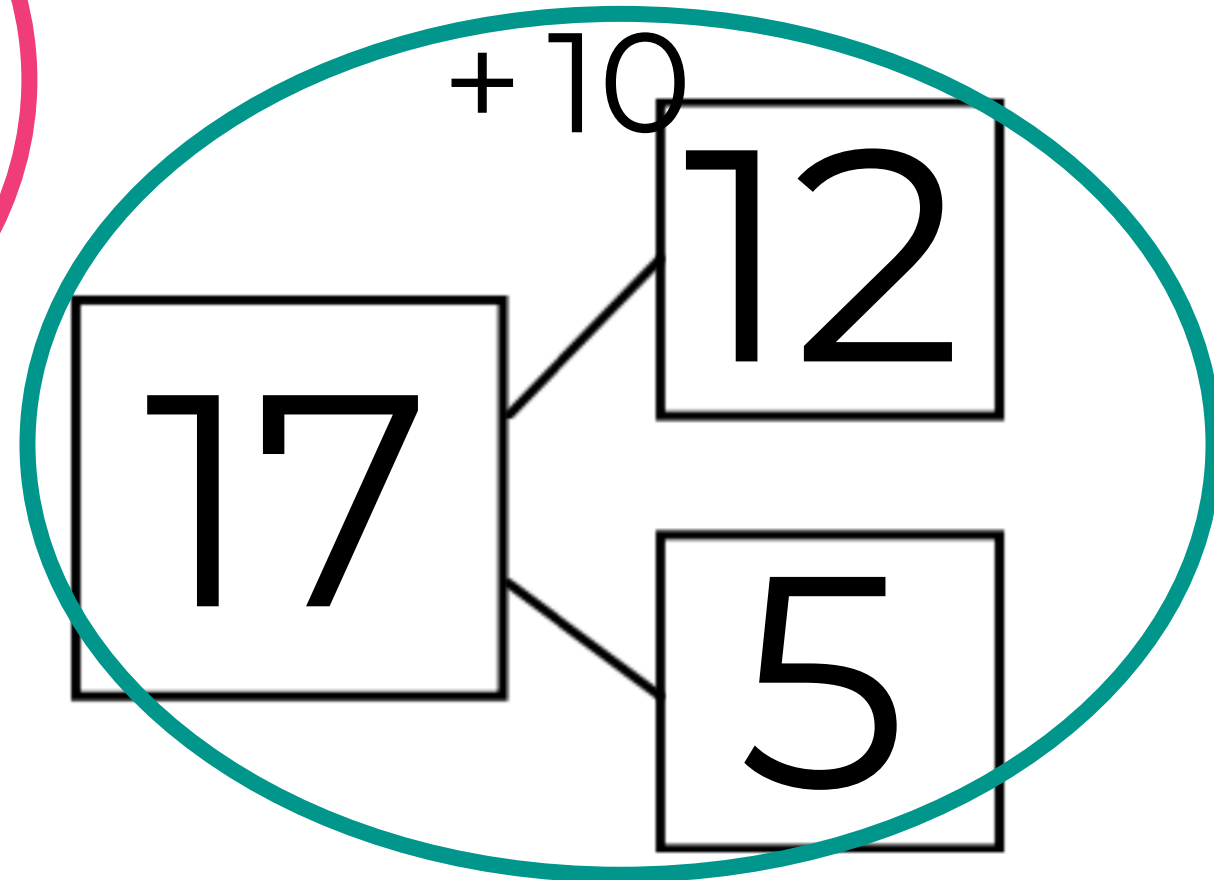
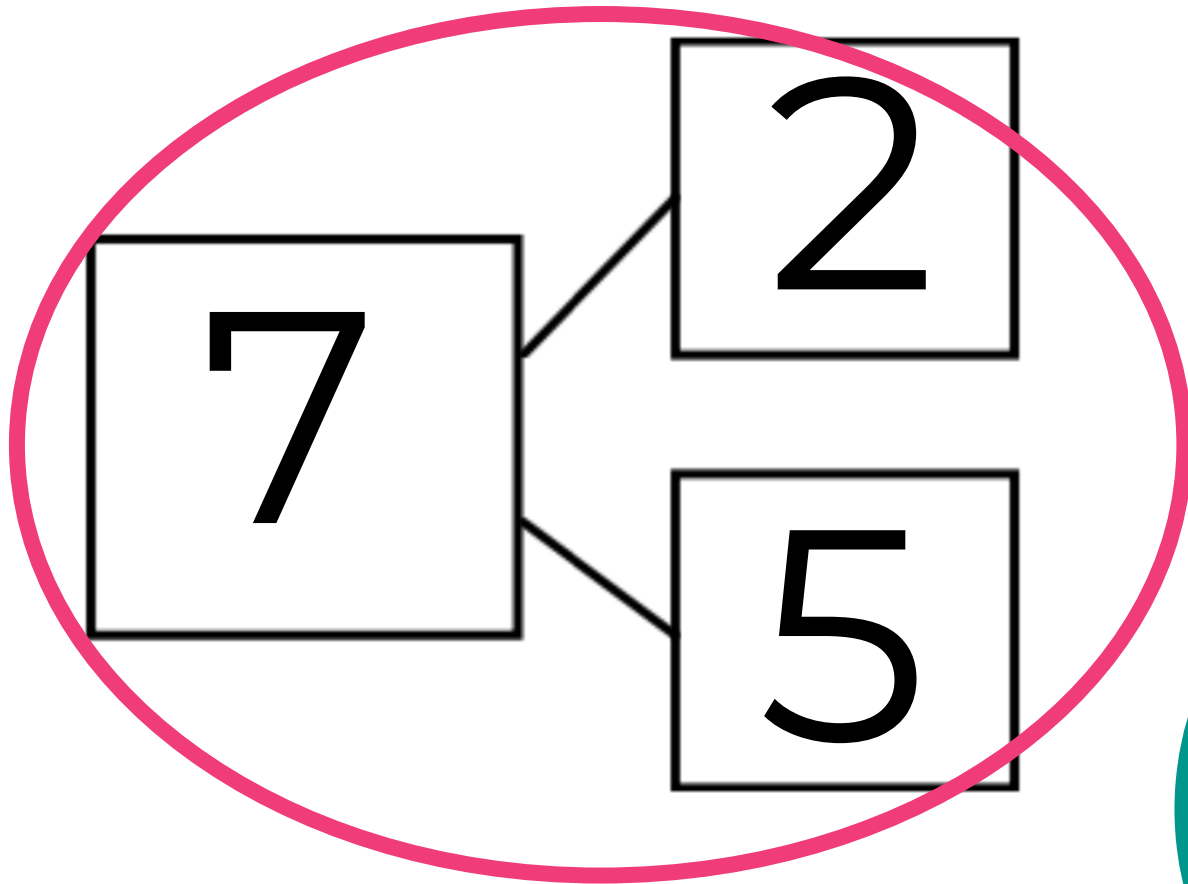


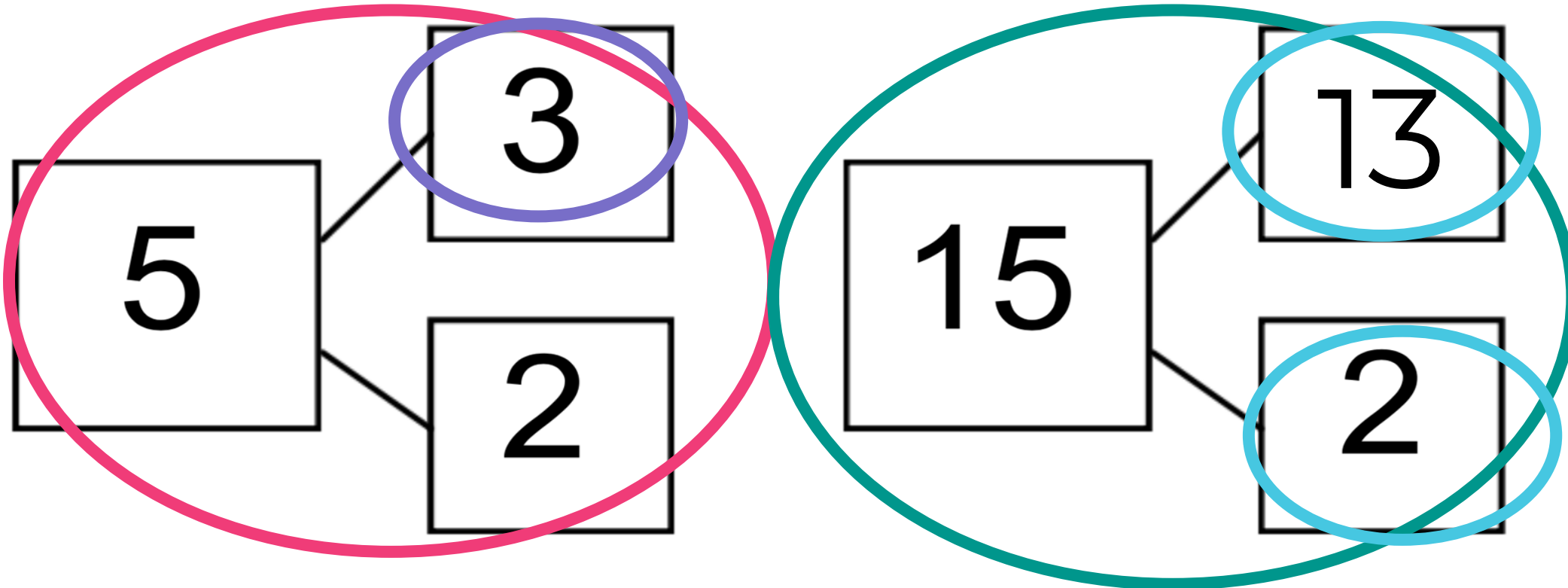
$$\boxed{5} \oplus \boxed{2} = \boxed{7}$$

$$\boxed{7} \ominus \boxed{5} = \boxed{2}$$



Develop Learning



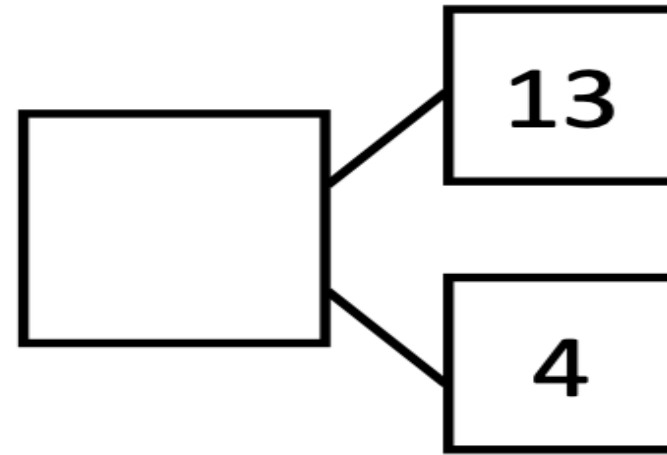
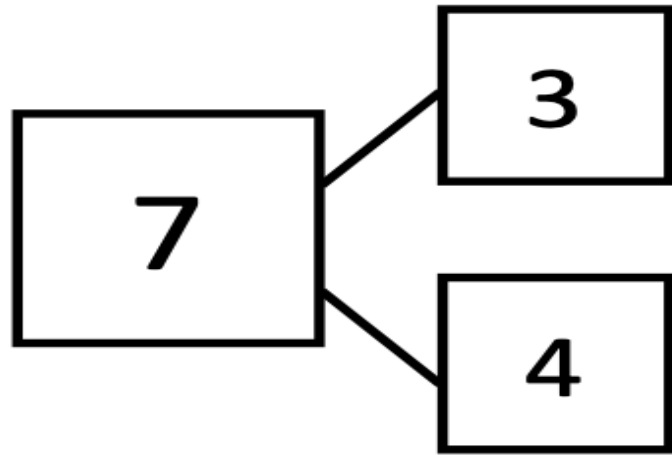


How can I find the missing part?

How do you know?



Independent Task



$$3 + 4 = \square$$

$$4 + \square = 7$$

$$7 - 3 = \square$$

$$7 - \square = 3$$

$$\square = 13 + 4$$

$$17 = 4 + \square$$

$$13 = 17 - \square$$

$$4 = 17 - \square$$



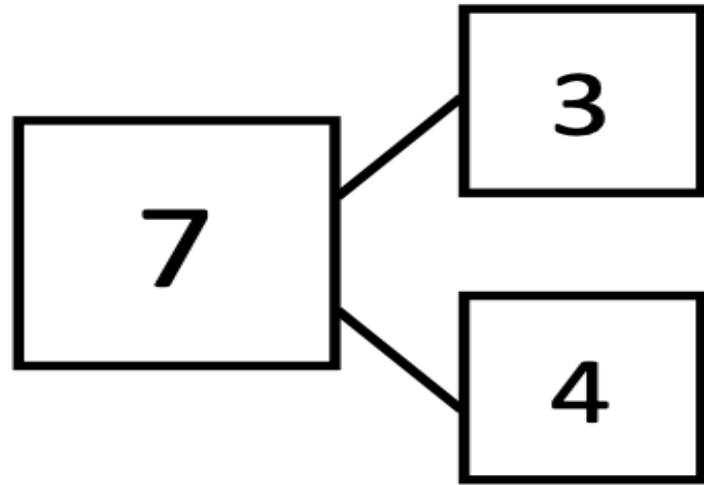
Pause the video to complete your task



Resume once you're finished



Answers

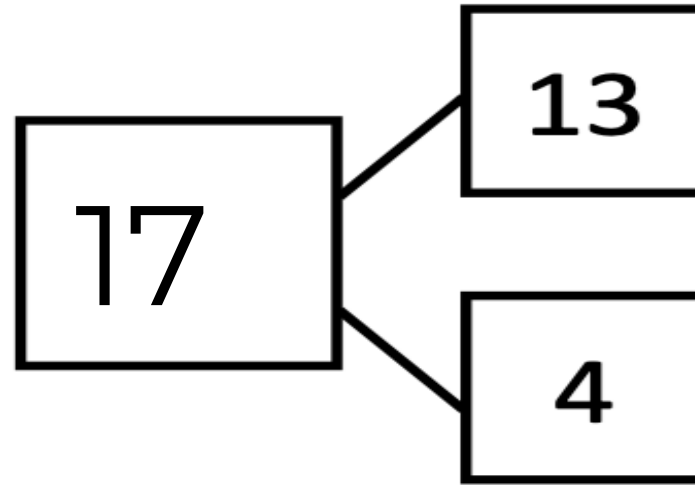


$$3 + 4 = \boxed{7}$$

$$4 + \boxed{3} = 7$$

$$7 - 3 = \boxed{4}$$

$$7 - \boxed{4} = 3$$



$$\boxed{17} = 13 + 4$$

$$17 = 4 + \boxed{13}$$

$$13 = 17 - \boxed{4}$$

$$4 = 17 - \boxed{13}$$



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!

