

Y1 Problem solving and Reasoning questions

Tuesday 19.01.21

Rosie is calculating $16 - 7$



Which of these methods is most helpful?
Why?

$$\begin{array}{r} 16 - 7 \\ \swarrow \searrow \\ 8 \quad 8 \end{array}$$

$$\begin{array}{r} 16 - 7 \\ \swarrow \searrow \\ 3 \quad 4 \end{array}$$

$$\begin{array}{r} 16 - 7 \\ \swarrow \searrow \\ 6 \quad 1 \end{array}$$

$$\begin{array}{r} 16 - 7 \\ \swarrow \searrow \\ 10 \quad 6 \end{array}$$

Could you find a way to partition 16 to help you subtract 7?

Teddy works out $15 - 6$
This is Teddy's working out:



$$15 - 5 = 10 - 1 = 9$$

Why is Teddy's working out wrong?

Use $<$, $>$ or $=$ to make the statements correct.



I can do this without working out any answers.

$$17 - 5 \quad \bigcirc \quad 12 - 5$$

$$14 - 4 \quad \bigcirc \quad 18 - 8$$

$$11 - 7 \quad \bigcirc \quad 11 - 4$$

Is Whitney correct? Explain how you know.