

AGES 9-11 · UPPER KS2

Number traps that catch children out

And the fix for each one

TRAP 1 OF 3

Bigger: $\frac{1}{2}$ or $\frac{1}{5}$? $\frac{1}{5}$ $\frac{1}{2}$

Circle your answer:

.....

TRAP 2 OF 3

2, 6, 18, ?

30

54

24

Circle your answer:

.....

TRAP 3 OF 3

XCIX = ?

99

109

111

Circle your answer:

.....

Only one option in each row is right. The wrong ones are the answers children most often give — they are here on purpose, because spotting why a wrong answer looks right is most of the lesson.

Answers, and the fix for each

Every answer here is checked against its source data before this sheet is printed.

QUESTION	ANSWER	THE FIX
Number traps that catch children out · Ages 9-11 · Upper KS2		
Bigger: $\frac{1}{2}$ or $\frac{1}{5}$?	$\frac{1}{2}$	5 pieces are smaller than 2 $\rightarrow \frac{1}{2}$
2, 6, 18, ?	54	Each one is $3\times$ the one before $\rightarrow 18 \times 3 = 54$
XCIX = ?	99	XC is $100 - 10 = 90$, IX is 9 $\rightarrow 99$

Where these come from. These are real questions from The Revision Wizard — five subjects from KS1 to 11+. If your child found these useful, the app has rather a lot more of them, and it adapts to what they get wrong.

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