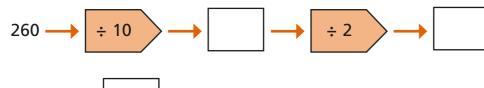




1 Complete the divisions using factors.

a)



b)



c)

$$240 \longrightarrow \boxed{\div 10} \longrightarrow \boxed{\div 6}$$

d)

$$+40 \longrightarrow +6 \longrightarrow +6$$

- Jack and Rosie are calculating 816 ÷ 48

 Jack divides by 8 and then by 6

 Rosie divides by 12 and then by 4
 - a) Show that they get the same answer.

b) Explain why Jack and Rosie get the same answer.

:) '	Which is the easiest method? Why?

Mo and Dora are calculating 2,560 ÷ 16



I will divide by 10, then divide by 6

I will divide by 4, then divide by 4 again.

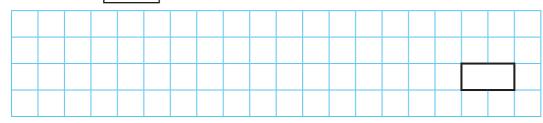


Dora

Who is correct? Show your workings.

_____ is correct.

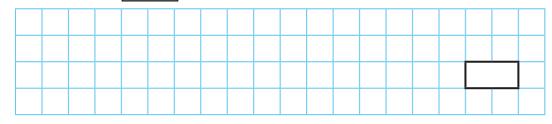
- 4 Ron is calculating 3,024 ÷ 36
 - a) Tick the methods that would give the correct answer.
 - $3,024 \div 6 \div 6$
- 3,024 ÷ 18 ÷ 18
- $3,024 \div 9 \div 4$
- **b)** What other methods could Ron use to calculate 3,024 ÷ 36?
- Use factors to complete these divisions.
 - α) 360 ÷ 40 =



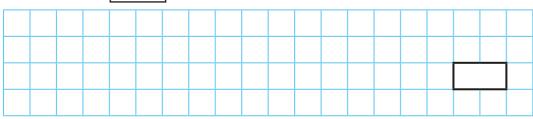
b) 625 ÷ 25 =



c) 1,275 ÷ 15 =



d) 7,200 ÷ 18 =

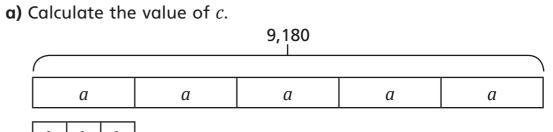


6 These divisions give the same answer.

Fill in the gaps.

What is the answer to each calculation?

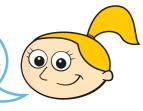
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- **b)** How did you work this out? Compare methods with a partner.
- 8 Eva is thinking of a number.

I multiply it by 6, then multiply the answer by 8, then subtract 500. The result is 9,100



What number did Eva start with?

Eva started with the number