

Dividing a 2-digit number by a 1-digit number 1

- 1 a) 66 cakes are shared out equally on to 3 plates.

How many cakes will be on each plate?

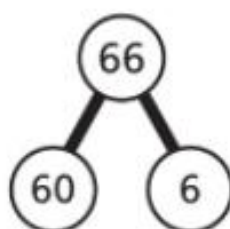


66 cakes \div 3 plates =

There are cakes on each plate.

- b) What is $66 \div 6$?

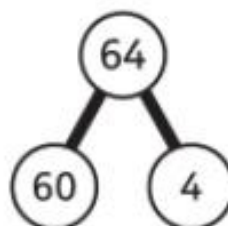
$66 \div 6 =$



\div = \div =

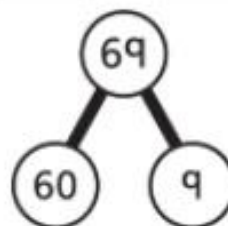
- 2 Work out the answers to these divisions.

a) $64 \div 2 =$



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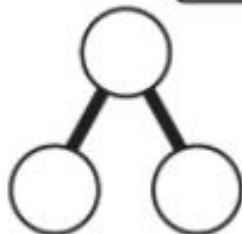
b) $69 \div 3 =$



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3 Work out the answers to these divisions.

a) $46 \div 2 =$



c) $77 \div 7 =$

b) $48 \div 4 =$



d) $93 \div 3 =$

4 Lexi is working out $84 \div 4$.
Can you spot Lexi's mistake?
What should she have done?

Lexi



I know that $8 \div 4 = 2$
and $4 \div 4 = 1$, so I
added them together.

5 Find the answers to these calculations.

a) $40 \div 4 =$

$44 \div 4 =$

$48 \div 4 =$

$52 \div 4 =$

b) $63 \div 3 =$

$66 \div 3 =$

$69 \div 3 =$

$72 \div 3 =$

6 Jamilla and Olivia are discussing how to solve $68 \div 2$.

Jamilla



I know that 68 can be split into two equal groups. Half of 6 is 3 and half of 8 is 4, so the answer is 34.

Olivia



3 lots of 2 is 6, so 30 lots of 2 is 60. 4 lots of 2 is 8, so together it makes 34.

Who is correct? Explain how you know.

7 Explain why $48 \div 4$ is less than $48 \div 2$ without working anything out.

Use a calculation to check your answer.

CHALLENGE

Reflect

Explain how you would solve $26 \div 2$ to someone who does not know how. Use pictures or diagrams to help.

