



YR4 PROGRESSION IN MASTERY LESSON PACK - DIVIDE BY 1 AND ITSELF

FLUENCY 1

Complete the statements.

 3 grouped into ____ is 1.

 3 grouped into ____ is 3.

FLUENCY 2

Complete the number sentences.

$$\boxed{7} \div \boxed{1} = \boxed{}$$

$$\boxed{9} \div \boxed{9} = \boxed{}$$

$$\boxed{8} \div \boxed{} = \boxed{8}$$

$$\boxed{} \div \boxed{12} = \boxed{1}$$

FLUENCY 3

Match each statement to its calculation.

Five grapes grouped in ones

$$10 \div 10$$

Five tickets shared between five

$$5 \div 5$$

Ten children grouped in tens

$$5 \div 1$$

FLUENCY 4

Jane and five of her friends share six cakes.



Complete the number sentence below to show how many cakes each of them has.

$$\boxed{} \div \boxed{} = \boxed{}$$





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REASONING 1

Which is the odd one out?

$$4 \div 4 = 1$$

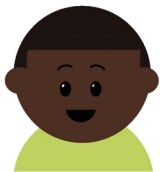


$$4 \div 1 = 4$$

Explain your reasoning.

REASONING 2

Caleb and Millie are learning to multiply and divide by 1.



$$11 \times 1 = 11 \text{ so } 1 \times 11 = 11$$

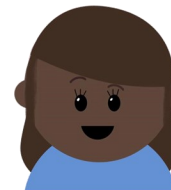
$$11 \div 1 = 11 \text{ so } 1 \div 11 = 11$$



Are they both correct? Explain your reasoning.

REASONING 3

Anita has been learning how to divide a number by itself.



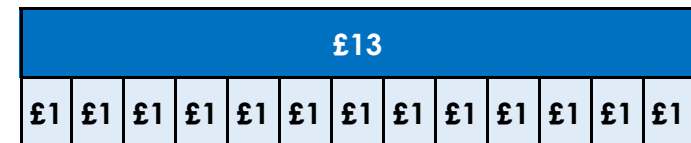
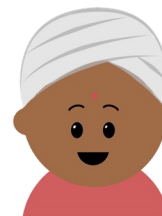
If you divide a number by itself, the answer is 1.

Are there any exceptions to the rule?

Explain your reasoning.

REASONING 4

Ranjit created a bar model to represent the calculation $\pounds 13 \div 1 = \pounds 13$.



Explain the mistake he has made.





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PROBLEM SOLVING 1

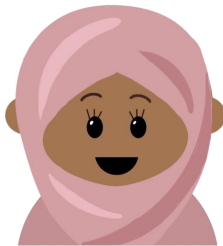
Asha is thinking of a number.

First, she divides her number by 1.

Then she divides her number by itself.

The sum of these numbers is greater than 20 but less than 25.

What could her starting number be?



PROBLEM SOLVING 2

Arrange the cards to complete the statements.

 $\div \text{one}$

Forty shared
by forty

$14 \div 14$

 $\div \text{one}$

Seven shared
by one

$100 \div 100$

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How many possibilities can you find?

