

Divide by 1 and itself

1 Annie has 5 cookies and some plates.



She wants to put 1 cookie on each plate.

a) How many plates will she need?

b) Complete the calculation.

$$\boxed{5} \div \boxed{1} = \boxed{5}$$

2 Annie has 5 more cookies.



She has 5 friends.

She shares the cookies equally between her 5 friends.

a) How many cookies does each child get?

b) Complete the calculation.

$$\boxed{5} \div \boxed{5} = \boxed{1}$$

3 a) Complete the calculations.

$$8 \times 1 = \boxed{8} \quad 13 \times 1 = \boxed{13} \quad 20 \times 1 = \boxed{20}$$

$$8 \div 1 = \boxed{8} \quad 13 \div 1 = \boxed{13} \quad 20 \div 1 = \boxed{20}$$

b) What do you notice about multiplying and dividing by 1?

You get the same answer.

c) Use what you have noticed to complete these calculations.

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

$$10 \div 1 = 10 \times \boxed{1}$$

$$\boxed{18} \times 1 = 18 \div 1$$

4 Tick all the cards that have an answer of 1

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

$$\boxed{10 \div 10} \checkmark$$

$$\boxed{5 \div 1}$$

$$\boxed{9 \div 9} \checkmark$$

$$\boxed{18 \div 18} \checkmark$$

$$\boxed{10 \div 2}$$

$$\boxed{6 \div 1}$$

$$\boxed{1 \times 1} \checkmark$$

$$\boxed{17 \div 1}$$

How do you know if a division has an answer of 1?



5 Write $>$, $<$ or $=$ to compare the calculations.

a) 4×0 $<$ $5 \div 1$ d) $13 \div 1$ $>$ 31×0

b) 24×1 $=$ $24 \div 1$ e) $8 \div 8$ $=$ $9 \div 9$

c) 1×9 $=$ $9 \div 1$ f) $10 \div 1$ $>$ $10 \div 10$

6 Work out these calculations.


a) $8 \div 4 \div 1 =$

b) $25 \div 1 \div 5 =$


c) $9 \times 4 \div 1 =$

d) $12 \div 1 \times 4 =$

7



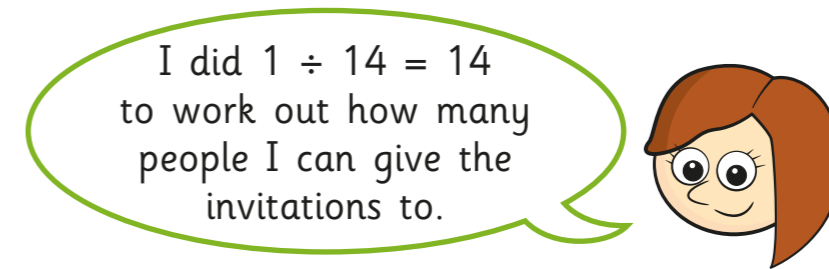
Complete this calculation.



How did you work this out?

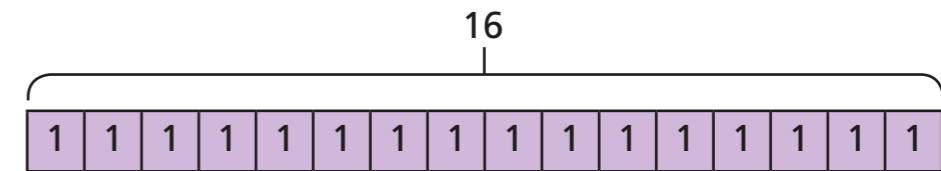
8 Rosie has 14 birthday invitations.

She wants to give them out to children in her class.
Each child will get 1 invitation each.

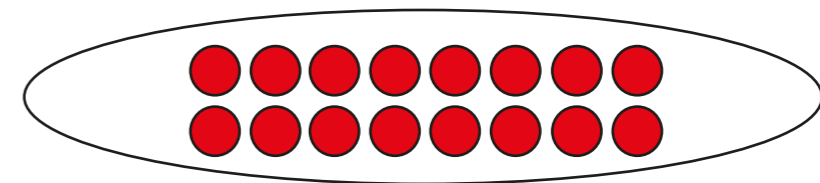


What mistake has Rosie made?

9 Explain how each image shows $16 \div 1$



16 grouped into 1s



16 shared into 1 group