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? $\boxed{5}$

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? $\boxed{1}$

b) Complete the calculation.

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

3 a) Complete the calculations.

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

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

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

$\boxed{7 \div 1}$ $\boxed{10 \div 10 ✓}$ $\boxed{5 \div 1}$

$\boxed{9 \div 9 ✓}$ $\boxed{18 \div 18 ✓}$ $\boxed{10 \div 2}$

$\boxed{6 \div 1}$ $\boxed{1 \times 1 ✓}$ $\boxed{17 \div 1}$

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) $8 \div 4 \div 1 = \boxed{2}$

b) $25 \div 1 \div 5 = \boxed{5}$

c) $9 \times 4 \div 1 = \boxed{36}$

d) $12 \div 1 \times 4 = \boxed{48}$

7

$$\heartsuit \div \heartsuit = \triangle$$

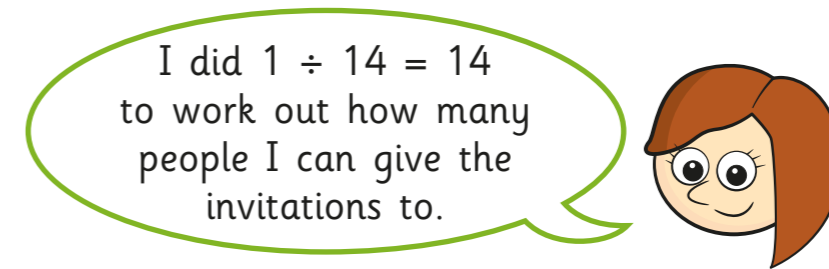Complete this calculation.

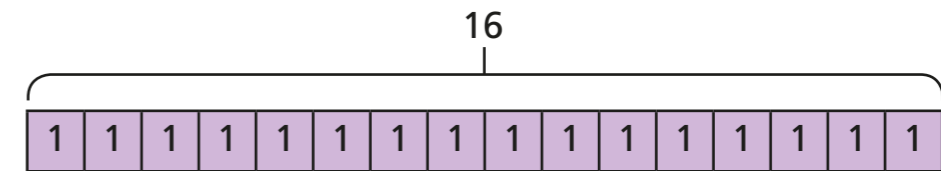$$\square \times \triangle = \boxed{}$$

How did you work this out?

8 Rosie has 14 birthday invitations.

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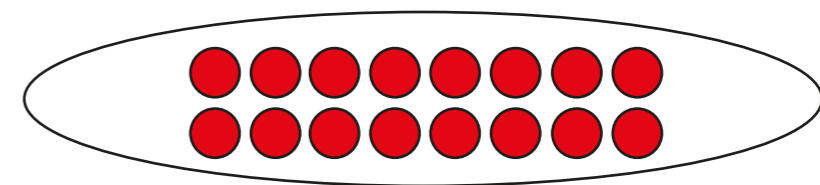
Each child will get 1 invitation each.

> I did $1 \div 14 = 14$ to work out how many people I can give the invitations to.

What mistake has Rosie made?

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

16

| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

16   grouped   into   1s

16   shared   into   1   group.