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.

☐ ÷ ☐ = ☐

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.

☐ ÷ ☐ = ☐

3 **a)** Complete the calculations.

8 × 1 = ☐	13 × 1 = ☐	20 × 1 = ☐
8 ÷ 1 = ☐	13 ÷ 1 = ☐	20 ÷ 1 = ☐

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

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

7 × 1 = 7 ÷ ☐

10 ÷ 1 = 10 × ☐

☐ × 1 = 18 ÷ 1

4 Tick all the cards that have an answer of 1

7 ÷ 1	10 ÷ 10	5 ÷ 1
9 ÷ 9	18 ÷ 18	10 ÷ 2
6 ÷ 1	1 × 1	17 ÷ 1

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

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

a) 4×0 ◯ $5 \div 1$

b) 24×1 ◯ $24 \div 1$

c) 1×9 ◯ $9 \div 1$

d) $13 \div 1$ ◯ 31×0

e) $8 \div 8$ ◯ $9 \div 9$

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.

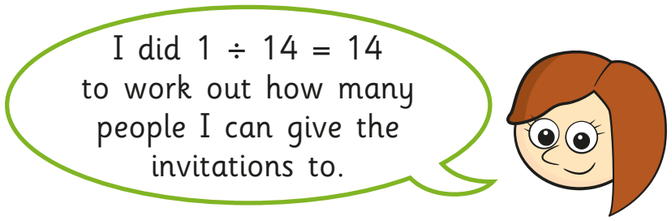
■ × ▲ =

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 $16 \div 1$