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? [5]

b) Complete the calculation.

[5] ÷ [1] = [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? [1]

b) Complete the calculation.

[5] ÷ [5] = [1]

3 **a)** Complete the calculations.

8 × 1 = [8] 13 × 1 = [13] 20 × 1 = [20]

8 ÷ 1 = [8] 13 ÷ 1 = [13] 20 ÷ 1 = [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 × 1 = 7 ÷ [1]

10 ÷ 1 = 10 × [1]

[18] × 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 ÷ 1

b) 24 × 1 = 24 ÷ 1

c) 1 × 9 = 9 ÷ 1

d) 13 ÷ 1 > 31 × 0

e) 8 ÷ 8 = 9 ÷ 9

f) 10 ÷ 1 > 10 ÷ 10

6 Work out these calculations.

a) 8 ÷ 4 ÷ 1 = 2

b) 25 ÷ 1 ÷ 5 = 5

c) 9 × 4 ÷ 1 = 36

d) 12 ÷ 1 × 4 = 48

7

♥ ÷ ♥ = ▲

Complete this calculation.

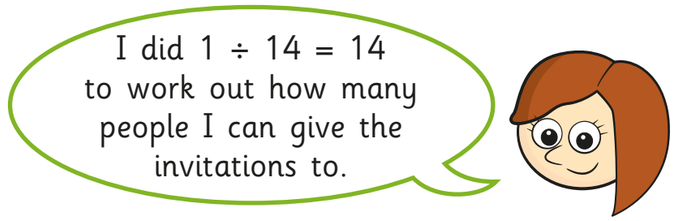
□ × ▲ = ▨

How did you work this out?

8 Rosie has 14 birthday invitations.

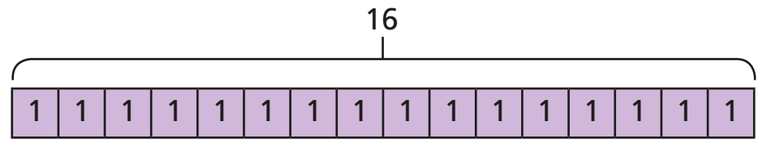
She wants to give them out to children in her class.

Each child will get 1 invitation each.

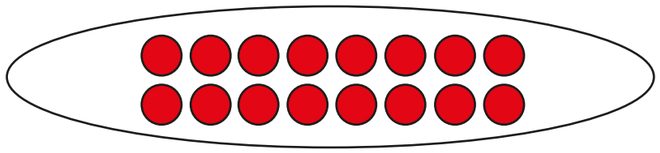


What mistake has Rosie made?

9 Explain how each image shows 16 ÷ 1



16 grouped into 1s



16 shared into 1 group.