

# Divide by 1 and itself

1 Annie has 5 cookies and some plates.



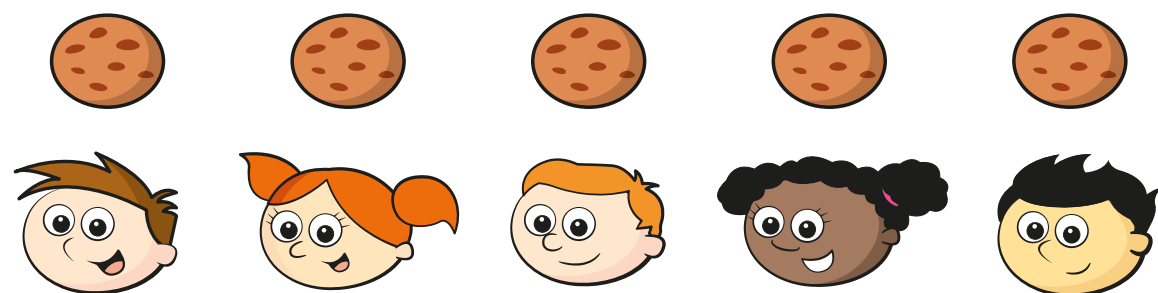
She wants to put 1 cookie on each plate.

a) How many plates will she need?

b) Complete the calculation.

$$\square \div \square = \square$$

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.

$$\square \div \square = \square$$

3 a) Complete the calculations.

$$8 \times 1 = \square$$

$$13 \times 1 = \square$$

$$20 \times 1 = \square$$

$$8 \div 1 = \square$$

$$13 \div 1 = \square$$

$$20 \div 1 = \square$$

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

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

$$7 \times 1 = 7 \div \square$$

$$10 \div 1 = 10 \times \square$$

$$\square \times 1 = 18 \div 1$$

4 Tick all the cards that have an answer of 1

$$7 \div 1$$

$$10 \div 10$$

$$5 \div 1$$

$$9 \div 9$$

$$18 \div 18$$

$$10 \div 2$$

$$6 \div 1$$

$$1 \times 1$$

$$17 \div 1$$

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



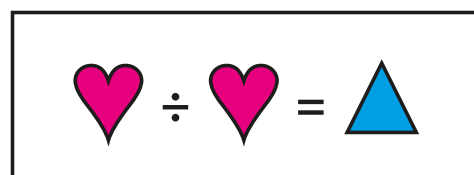
5 Write  $>$ ,  $<$  or  $=$  to compare the calculations.

- a)  $4 \times 0$    $5 \div 1$       d)  $13 \div 1$    $31 \times 0$
- b)  $24 \times 1$    $24 \div 1$       e)  $8 \div 8$    $9 \div 9$
- c)  $1 \times 9$    $9 \div 1$       f)  $10 \div 1$    $10 \div 10$

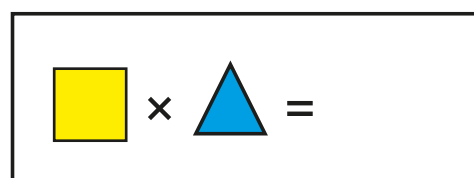
6 Work out these calculations.

- 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.

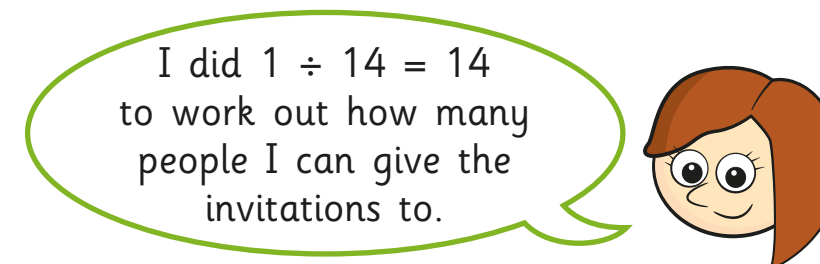


How did you work this out?

8 Rosie has 14 birthday invitations.

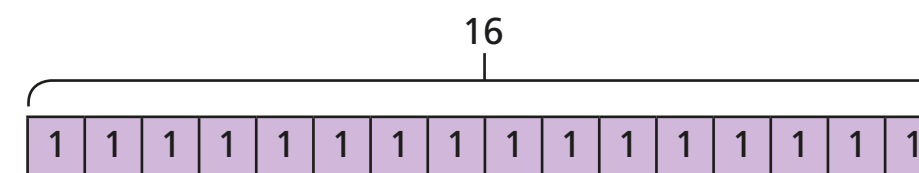
She wants to give them out to children in her class.

Each child will get 1 invitation each.



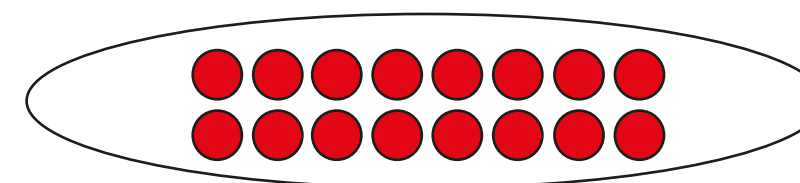
What mistake has Rosie made?

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



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