

Challenge 1

1a. Complete the calculation using the images below.

2 shared between 2 equals



VF

1b. Complete the calculation using the images below.

5 grouped into 5 equals



VF

2a. True or false?

7 flowers shared between 7 vases equals 1.



VF

2b. True or false?

3 cakes shared between 1 child equals 1.



VF

3a. Tick the option which represents the calculation below.

$4 \div 4 = 1$

A.

4
4

B.



VF

3b. Tick the option which represents the calculation below.

$9 \div 1 = 9$

A.

9
1 1 1 1 1 1 1 1 1

B.



VF

4a. Complete the statement below.



$8 \div 8 = 1$

$8 \div \square = 8$



VF

4b. Complete the statement below.



$3 \div 1 = 3$

$3 \div \square = 1$

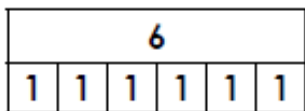


VF

Challenge 2

5a. Complete the calculation using the bar model below.

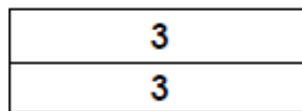
6 grouped into 1s equals



VF

5b. Complete the calculation using the bar model below.

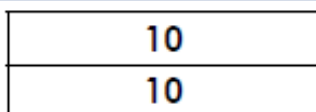
3 shared between 1 equals



VF

6a. True or false?

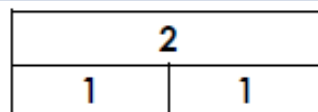
10 sweets shared between 10 bowls equals 1.



VF

6b. True or false?

2 fish shared between 2 tanks equals 2.



VF

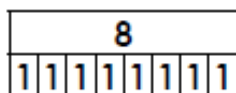
7a. Tick the option which represents the calculation below.

$$8 \div 1 = 8$$

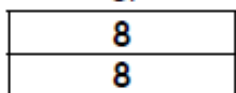
A.

8 apples shared between 8 plates equals 1.

B.



C.

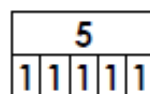


VF

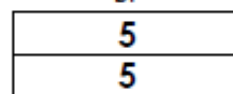
7b. Tick the option which represents the calculation below.

$$5 \div 5 = 1$$

A.



B.



C.

5 pens shared between 1 child equals 5.



VF

8a. Complete the statement below.

$$4 \div 4 = 1$$

$$4 \div \square = 4$$



VF

8b. Complete the statement below.

$$6 \div 1 = 6$$

$$6 \div \square = 1$$



VF

Challenge 3

9a. Complete the calculation below

nine shared between 1 equals



VF

9b. Complete the calculation below

fifteen grouped into 1s equals



VF

10a. True or false?

two bugs shared between 1 leaf equals 1.



VF

10b. True or false?

thirteen leaves shared between thirteen twigs equals 1.



VF

11a. Tick the option which represents the calculation below.

five \div one = five

A.

Five cherries shared between five cakes

B.

Five cherries shared between one cake

C.

5				



VF

11b. Tick the option which represents the calculation below.

ten \div ten = one

A.

Ten strawberries shared between ten rabbits

B.

Ten strawberries shared between one rabbit

C.

10	



VF

12a. Complete the statement below.

twelve \div twelve = one

twelve \div = twelve



VF

12b. Complete the statement below.

sixteen \div one = sixteen

sixteen \div = one



VF

Extension

5a. Phil is trying to work out the calculation below.

$$9 \div 9 = ?$$

9



The answer to the calculation is 1.

Is he correct? Explain your answer.



R

5b. Cali is trying to work out the calculation below.

$$17 \div 1 = ?$$

17



The answer to the calculation is 1.

Is she correct? Explain your answer.



R

6a. A gardener has 8 seeds. He puts 1 seed into each of the pots below.



How many seeds does he plant in each pot?

Write a number sentence to prove your answer.



P5

6b. A teacher has 5 pencils. She shares these out to each of the children below.



How many pencils do they have each?

Write a number sentence to prove your answer.



P5

Developing

- 1a. 1
- 2a. True
- 3a. B
- 4a. 1

Expected

- 5a. 6
- 6a. True
- 7a. C
- 8a. 1

Greater Depth

- 9a. 9
- 10a. False, it equals 2
- 11a. B
- 12a. one

Developing

- 1b. 1
- 2b. False, it equals 3
- 3b. B
- 4b. 3

Expected

- 5b. 3
- 6b. False, it equals 1
- 7b. A
- 8b. 6

Greater Depth

- 9b. 15
- 10b. True
- 11b. A
- 12b. sixteen

Expected

- 4a. A is the odd one out because both B and C represent the calculation $14 \div 14 = 1$.
- 5a. Phil is correct because 9 shared between 9 equals 1.
- 6a. The gardener would put 1 seed into each pot. The calculation would be $8 \div 8 = 1$.

Expected

- 4b. C is the odd one out because both A and B represent the calculation $2 \div 2 = 1$.
- 5b. Cali is incorrect because 17 grouped into 1 equals 17.
- 6b. The teacher would give each child 1 pencil. The calculation would be $5 \div 5 = 1$.