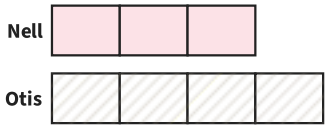
Ratio: One Share or the Difference

1

Nell and Otis share sweets in the ratio 3 : 4. Otis gets 28 sweets.
How many does Nell get?



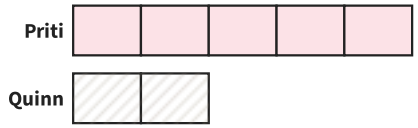
[ ] parts = [ ]

1 part = [ ]

Nell _____

2

Priti and Quinn share some money in the ratio 5 : 2. Quinn gets £18.
How much does Priti get?



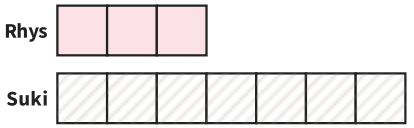
2 parts = £18

1 part = [ ]

Priti _____

3

Rhys and Suki share some money in the ratio 3 : 7. Rhys gets £27. How much do they share altogether?



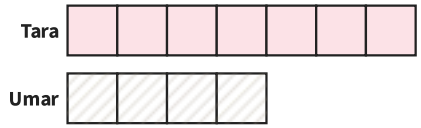
[ ] parts = [ ]

1 part = [ ]

Total _____

4

Tara and Umar share stickers in the ratio 7 : 4. Tara gets 15 stickers more than Umar. How many does Umar get?



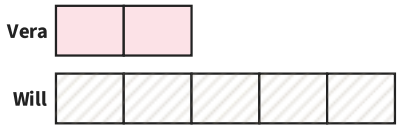
[ ] parts = [ ]

1 part = [ ]

Umar _____

5

Vera and Will share some money in the ratio 2 : 5. Will gets £36 more than Vera.
How much do they share altogether?



Total _____

6

Yara and Zac share some money in the ratio 5 : 1. Zac gets £12.
Leo shares £12 in the ratio 5 : 1 and says Yara gets £10.
Explain Leo's mistake. Then find how much Yara gets.

Answer _____

7

A bag has red, green and blue counters in the ratio 4 : 1 : 3.
There are 6 green counters.
How many counters are in the bag altogether?

Answer _____

8

A fruit drink is made from orange juice and apple juice in the ratio 3 : 8.
It has 200 ml more apple juice than orange juice. How much orange juice does it have?

Answer _____

Ratio: One Share or the Difference *further practice*

9

A shelf has fiction and non fiction books in the ratio 5 : 2.
There are 14 non fiction books.
How many fiction books are there?

Answer _____

10

A school wins gold, silver and bronze medals in the ratio 2 : 3 : 6.
It wins 20 more bronze medals than gold medals. How many silver medals does it win?

Answer _____

11

For every 3 cups of water, a porridge recipe uses 2 cups of oats.
Sam uses 8 cups of oats.
How many cups of water and oats does he use altogether?

Answer _____

12

A pancake batter uses milk and flour in the ratio 3 : 2. Lola uses 250 g of flour.
How many kilograms of batter does she make?

Answer _____

13

The angles in a triangle are in the ratio 2 : 3 : 7. The largest angle is 75° more than the smallest. Find all three angles, then check that they add up to 180°.

Answer _____

14

A charity splits its money between project A and project B in the ratio 7 : 3. Project B gets £1200.
Project A needs £3000.
Does it get enough?
Show how you know.

Answer _____

15

Fay and Gil share some money in the ratio 4 : 3, and Fay gets £20 more than Gil. Hal and Ivy share £126 in the ratio 4 : 3. Who gets more, Fay or Hal, and by how much?

Answer _____

16

A pot holds pens and pencils in the ratio 3 : 5. Mia says there are 7 more pencils than pens. Explain why Mia must be wrong.

Answer _____