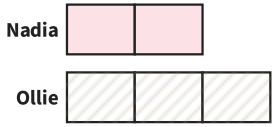
Sharing in a Ratio

1

Nadia and Ollie share £60 in the ratio 2 : 3. How much does each get?



1 part = ☐ ÷ ☐ = ☐

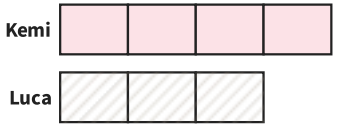
Check ☐ + ☐ = ☐

Nadia _____

Ollie _____

2

Kemi and Luca share 63 sweets in the ratio 4 : 3. How much does each get?



1 part = 63 ÷ 7 = ☐

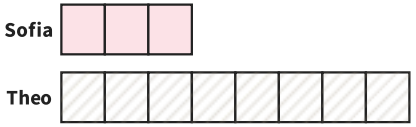
Check ☐ + ☐ = ☐

Kemi _____

Luca _____

3

Sofia and Theo share £88 in the ratio 3 : 8. How much does each get?



1 part = ☐ ÷ ☐ = ☐

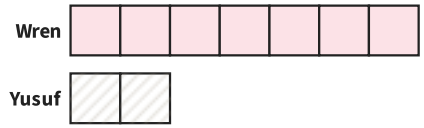
Check ☐ + ☐ = ☐

Sofia _____

Theo _____

4

Wren and Yusuf share 90 cards in the ratio 7 : 2. How much does each get?



_____

Wren _____

Yusuf _____

5

Asha, Bilal and Cara share £120 in the ratio 1 : 3 : 4. Draw the bars, then find how much each person gets.

_____

Asha _____

Bilal _____

Cara _____

6

Lily shares 28 sweets between Max and Ned in the ratio 3 : 4. She says 1 part is 28 ÷ 4 = 7, so Max gets 21 and Ned gets 28. Use a check to show that Lily is wrong. Then find the right shares.

_____

Max _____

Ned _____

7

A 160 g bag of trail mix has nuts and raisins in the ratio 3 : 5.
How many grams of raisins are in the bag?

_____

Answer _____

8

A farmer plants 84 trees.
Apple, pear and plum trees are in the ratio 3 : 2 : 2. How many more apple trees than plum trees does she plant?

_____

Answer _____

Sharing in a Ratio *further practice*

9

Rosa and Sami share £84 in the ratio 5 : 7. How much does each get?

Rosa _____

Sami _____

10

A necklace has 2 blue beads for every 7 white beads.
It has 54 beads altogether.
How many white beads does it have?

Answer _____

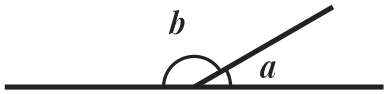
11

A crumble uses 1 kg of apples and pears in the ratio 3 : 2.
How many grams of pears does it use?

Answer _____

12

Angles a and b are on a straight line. They are in the ratio 1 : 5. Find the size of each angle.



a = _____

b = _____

13

Kim and Lou share a £75 prize in the ratio 2 : 3. Kim wants to buy a game that costs £32 with her share.
Can she? Show how you know.

Answer _____

14

Gran shares £150 between her three grandchildren in the ratio of their ages, 6 : 8 : 11. How much more does the oldest get than the youngest?

Answer _____

15

Ben can have the larger share of £60 shared in the ratio 1 : 2, or the larger share of £72 shared in the ratio 3 : 5. Which should he choose, and how much more does he get?

Answer _____

16

Max shares £90 in the ratio 4 : 5.
He says the shares are £40 and £45.
Without sharing again, explain how you know he is wrong. Then find the right shares.

Answer _____