



Sharing in a Given Ratio

1. Ann and Bob share £45 in the ratio 2:3. How much does each person get?

2. Araminta and Benny share £100 in the ratio 7:3. How much does each person get?

3. Ahmed and Barbara share £45 in the ratio 4:5. How much does each person get?

4. Alan and Billy share £240 in the ratio 7:5. How much does each person get?

5. Abayomi and Bernard share £72 in the ratio 5:3. How much does each person get?

6. Aisling and Baako share £54 in the ratio 2:7. How much does each person get?

7. An and Buttons share £200 in the ratio 1:4. How much does each person get?

8. Asterix and Barnaby share £1000 in the ratio 17:3. How much does each person get?

9. Abigail and Benjy work in their mother's garden. Abigail works for 3 hours and Benjy for 1. Their mother pays them £12 and they decide to share it in the ratio of the time they spent. How much does each person get?



Sharing in a Given Ratio

10. Clara (aged 7), Declan (aged 9) and Ernie (aged 4) share £4 in the ratio of their ages. How much does each get?

11. Farouq and Gail share a pizza in the ratio of their masses. Farouq's mass is 55kg, Gail's is 70kg and the pizza's is 425g. What mass of pizza does each get?

12. Hagan and Irene do a job-share. Hagan works 2 days per week and Irene works 3. If they have 14 hours of typing to do and want to share the work in the ratio of their working time, how much should each do? Give your answers in hours and minutes.



Sharing in a Given Ratio **Answers**

1. Ann and Bob share £45 in the ratio 2:3. How much does each person get?

Ann gets £18, Bob gets £27.

2. Araminta and Benny share £100 in the ratio 7:3. How much does each person get?

Araminta gets £70, Benny gets £30.

3. Ahmed and Barbara share £45 in the ratio 4:5. How much does each person get?

Ahmed gets £20, Barbara gets £25.

4. Alan and Billy share £240 in the ratio 7:5. How much does each person get?

Alan gets £140, Billy gets £100.

5. Abayomi and Bernard share £72 in the ratio 5:3. How much does each person get?

Abayomi gets £45, Bernard gets £27.

6. Aisling and Baako share £54 in the ratio 2:7. How much does each person get?

Aisling gets £12, Baako gets £42.

7. An and Buttons share £200 in the ratio 1:4. How much does each person get?

An gets £40, Buttons gets £160.

8. Asterix and Barnaby share £1000 in the ratio 17:3. How much does each person get?

Asterix gets £850, Barnaby gets £150.

9. Abigail and Benjy work in their mother's garden. Abigail works for 3 hours and Benjy for 1. Their mother pays them £12 and they decide to share it in the ratio of the time they spent. How much does each person get?

Abigail gets £9, Benjy gets £3.

10. Clara (aged 7), Declan (aged 9) and Ernie (aged 4) share £4 in the ratio of their ages. How much does each get?

Clara gets £1.40, Declan gets £1.80, Ernie gets 80p.

11. Farouq and Gail share a pizza in the ratio of their masses. Farouq's mass is 55kg, Gail's is 70kg and the pizza's is 425g. What mass of pizza does each get?

Farouq gets 187g, Gail gets 238g.

12. Hagan and Irene do a job-share. Hagan works 2 days per week and Irene works 3. If they have 14 hours of typing to do and want to share the work in the ratio of their working time, how much should each do? Give your answers in hours and minutes.

Hagan does 5 hours 36 minutes, Irene does 8 hours 24 minutes.