

## 27. How to find the total amount when given a ratio part



### Scenario Questions:

1. The ratio of Zara's money to Ben's money is 3:7. If Zara receives £60, how much money does Ben receive?

2. Priti and Liam share money in the ratio 2:5. If Priti receives £90, what is Liam's share?

3. The ratio of Gavin's money to Lily's money is 1:4. If Lily receives £100, how much money does Gavin receive?

4. Jake and Emma share some money in the ratio 3:8. If Emma receives £240, how much does Jake receive?

5. The ratio of Sophia's money to Olivia's money is 4:9. If Sophia receives £160, what is Olivia's share?

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### Scenario Questions:

6. Benjamin and Charlotte share some money in the ratio 1:3. If Charlotte gets £80 more than Benjamin, how much money did they share altogether?

7. Daniel and Priti share some money in the ratio 5:6. If Priti gets £450 more than Daniel, how much money did they share altogether?

8. Caleb and Harper share some money in the ratio 2:5. If Harper gets £120 more than Caleb, how much money did they share altogether?

9. Samuel and Amelia share some money in the ratio 3:9. If Amelia gets £180 more than Samuel, how much money did they share altogether?

10. Joseph and Zofia share some money in the ratio 1:2. If Zofia gets £60 more than Joseph, how much money did they share altogether?

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### Scenario Questions: **Answers**

1. The ratio of Zara's money to Ben's money is 3:7. If Zara receives £60, how much money does Ben receive?

**1. Ben receives £140.**

2. Priti and Liam share money in the ratio 2:5. If Priti receives £90, what is Liam's share?

**2. Liam's share is £36.**

3. The ratio of Gavin's money to Lily's money is 1:4. If Lily receives £100, how much money does Gavin receive?

**3. Gavin receives £25.**

4. Jake and Emma share some money in the ratio 3:8. If Emma receives £240, how much does Jake receive?

**4. Jake receives £90.**

5. The ratio of Sophia's money to Olivia's money is 4:9. If Sophia receives £160, what is Olivia's share?

**5. Olivia's share is £360.**

6. Benjamin and Charlotte share some money in the ratio 1:3. If Charlotte gets £80 more than Benjamin, how much money did they share altogether?

**6. They shared a total of £160.**

7. Daniel and Priti share some money in the ratio 5:6. If Priti gets £450 more than Daniel, how much money did they share altogether?

**7. They shared a total of £4950.**

8. Caleb and Harper share some money in the ratio 2:5. If Harper gets £120 more than Caleb, how much money did they share altogether?

**8. They shared a total of £280.**

9. Samuel and Amelia share some money in the ratio 3:9. If Amelia gets £180 more than Samuel, how much money did they share altogether?

**9. They shared a total of £360.**

10. Joseph and Zofia share some money in the ratio 1:2. If Zofia gets £60 more than Joseph, how much money did they share altogether?

**10. They shared a total of £180.**