

- (1) Share £40 in the ratio 1:7
- (2) Jim and Tim share some money in the ratio 2:5. Tim has £18 more than Jim. How much does Jim have?
- (3) Bob and Tom share some money in the ratio 2:9. Tom has £27, How much money has Bob got?
- (4) Share £20 in the ratio 1:1:3
- (5) Fred and Jim share some money in the ratio 7:3. Fred has £8 more. How much was shared?
- (6) Share 1.8 in the ratio 1:4
- (7) John, Tim and Martin share some money in the ratio 1:4:8. Martin has £32. How much more does Tim have than John?
- (8) Some money was shared in the ratio 3:8. The smaller part was 80p less than the larger share. How much money was shared?
- (9) Share 10kg in the ratio 1:3
- (10) Some money is shared in the ratio 1:7:10. The smallest part was worth £3. What is the difference in the value of the middle and larger part?
- (11) Some sand is split into equal piles. The ratio is 3:4:7. The total amount shared was 280kg. How much heavier was the largest pile than the smaller pile?
- (12) Tim and Wayne share some money in the ratio 3:11. Tim has 24p less than Wayne. How much more money does Tim need to have 10p?
- (13) Share 1.86 metres in the ratio 3:7
- (14) Fred and Bob share some money. Fred has $\frac{1}{4}$ What was the ratio the money was shared into?
- (15) Jim has $\frac{3}{5}$ of some money. Tom has the rest. What ratio was the money shared into?
- (16) Write $\frac{1}{5}$ to $\frac{4}{5}$ as a ratio
- (17) John has 42% of a cake. Tom has the rest. What ratio was the cake shared into. Give your answer in its simplest form.
- (18) Write 1.4m to 38cm as a ratio in its simplest form.
- (19) Janet and Jane share some wool in the ratio 2:5. Jane has 9 balls of wool more. How many balls of wool did Jane have?
- (20) Simplify the ratio $\frac{3}{5} : \frac{7}{10}$
- (21) Jim, Fred and Bob share some cake. Jim has 20%, Fred has $\frac{2}{5}$ of the cake and Bob has the rest. What ratio was the cake shared in?
- (22) Write the ratio 0.2 : 0.18 in its simplest form.
- (23) The ratio of blue to black is 3:13. Given that there were 15 blue, how many black were there?
- (24) Simplify the ratio £2 to 38p
- (25) Write 3:2 in the form (i) n:1 and (ii) 1:n