



Ratio Worksheet



Simplify the following ratios

1. 4 : 6 2. 10 : 5 3. 20 : 30 4. 8 : 6 5. 9 : 6
6. 32 : 18 7. 5 : 50 8. 22 : 33 9. 5 : 7 10. 12 : 40
11. 3 : 6 : 9 12. 15 : 5 : 20 13. 2 : 4 : 18 14. 16 : 4 : 20

Simplify the following ratio amounts

1. £10 : £6 2. 100g : 5g 3. 200ml : 300ml 4. 800m : 600m
5. £4.80 : 80p 6. 500g : 2kg 7. 50cm : 1.20m 8. 1min : 40s
9. 15p : £2 10. 1litre : 250ml 11. 7.5km : 100m 12. 6mm : 5cm
13. 2cm : 6cm : 8cm 14. 2m : 45cm : 1m 15. £2 : 50p : 40p

Ratio problems

- John has 16 red balls and 12 black balls. What is the ratio of red balls to black balls in its simplest form?
- Carol has 50cm of string and cuts it into 2 pieces, one is length 40cm. What is the ratio of the longer piece of string to the shorter piece in its simplest form?
- Bill builds a wall 8m high and another 3 times as tall. What is the ratio of the tall wall to the small one in its simplest form?
- Emma has 27 sweets, 18 are red and the rest are blue. What is the ratio of blue to red sweets in its simplest form?
- Sharon has 50 sweets, 30 are yellow, 15 are blue and the rest are red. What is the ratio of yellow to blue to red sweets in its simplest form?
- Peter drives 7 miles on Monday, 21 miles on Tuesday and 35 miles on Wednesday. What is the ratio of his driving on Monday : Tuesday : Wednesday?
- Jill has 2.5 litres of water in a jug and pours 600 ml into a cup. What is the ratio of water in the jug to water in the cup in its simplest form?

