

Basic Ratio and Proportion – www.m4ths.com

- (1) Simplify the ratio 5:10
- (2) 6 pens cost 48p. Find the cost of 8 pens.
- (3) Share £10 in the ratio 3:2
- (4) There are 100g of sugar in 4 cakes. Find out how much sugar there would be in 5 identical cakes.
- (5) Simplify the ratio 4:6
- (6) It takes Fred 5 hours to walk 10 miles. Find out how long it would take him to walk 3 miles.
- (7) Share £30 in the ratio 1:5
- (8) Simplify the ratio 4:6:8
- (9) James can do 5 tests in an hour. Find out how long it would take him to do 25 tests.
- (10) 24kg of sand is shared in the ratio 1:2:3. Find out how heavy the largest share was.
- (11) Jenny eats 21 cakes in a week. Find out how many she would eat in 3 days if she ate them at this rate.
- (12) Share £40 in the ratio 3:5
- (13) There are 243 biscuits equally shared in 3 boxes. Find out how many biscuits there would be in 2 of the boxes.
- (14) In a class there are 28 students. The ratio of boys to girls is 3:4. Find out how many boys and how many girls there are in the class.
- (15) Simplify the ratio 3:15:21
- (16) 8 identical jumpers cost £195.04. Find the cost of 11.
- (17) Share £110 in the ratio 8:2:1
- (18) A rocket can do 8 orbits of a planet in 2 days. Find out how many orbits it could do in a fortnight.
- (19) £20 was shared in the ratio 9:1. Find the difference between the largest and smallest share.
- (20) Jim can eat 72 burgers in a day. Find out how many he could eat in 4 hours if he ate them at this rate.

Basic Ratio and Proportion – www.m4ths.com

- (1) Simplify the ratio 5:10
- (2) 6 pens cost 48p. Find the cost of 8 pens.
- (3) Share £10 in the ratio 3:2
- (4) There are 100g of sugar in 4 cakes. Find out how much sugar there would be in 5 identical cakes.
- (5) Simplify the ratio 4:6
- (6) It takes Fred 5 hours to walk 10 miles. Find out how long it would take him to walk 3 miles.
- (7) Share £30 in the ratio 1:5
- (8) Simplify the ratio 4:6:8
- (9) James can do 5 tests in an hour. Find out how long it would take him to do 25 tests.
- (10) 24kg of sand is shared in the ratio 1:2:3. Find out how heavy the largest share was.
- (11) Jenny eats 21 cakes in a week. Find out how many she would eat in 3 days if she ate them at this rate.
- (12) Share £40 in the ratio 3:5
- (13) There are 243 biscuits equally shared in 3 boxes. Find out how many biscuits there would be in 2 of the boxes.
- (14) In a class there are 28 students. The ratio of boys to girls is 3:4. Find out how many boys and how many girls there are in the class.
- (15) Simplify the ratio 3:15:21
- (16) 8 identical jumpers cost £195.04. Find the cost of 11.
- (17) Share £110 in the ratio 8:2:1
- (18) A rocket can do 8 orbits of a planet in 2 days. Find out how many orbits it could do in a fortnight.
- (19) £20 was shared in the ratio 9:1. Find the difference between the largest and smallest share.
- (20) Jim can eat 72 burgers in a day. Find out how many he could eat in 4 hours if he ate them at this rate.