

**Basic Proportion Questions – www.m4ths.com – Steve Blades ©**

- (1) Fred can make 8 cakes in 2 hours. How long will it take him to make 5? Give your answer in hours and minutes
- (2) It takes 6 men 3 days to build a wall. How long will it take 9 men to build the same wall?
- (3) It takes 8 students half an hour to clear some books. How long would it take 1 student to clear the same number of books?
- (4) Fred make 6 cakes with 300g of sugar. How many can he make with 800g of sugar?
- (5) It takes 14 ladies 5 days to make a large blanket. Find out how long it would take 2 ladies to make the same blanket.
- (6) In a cupcake there is a total of 30g of sugar, 15g of flour and 10g of butter. Fred has 1kg of each ingredient. What is the maximum number of cupcakes he can make with these ingredients?
- (7) 8 pens cost £1.20. Find the maximum number of pens Paul can buy with £10.
- (8) It takes 3 men 12 days to build 6 walls. Find how long it would take 1 man to build 4 walls.
- (9) The ratio of blue balls to red balls is 2:5. If there are 45 red balls, how many blue balls are there?
- (10) To make 6 cakes, Fred needs 180g of sugar, 210g of flour and 84g of butter. Find out how much he needs of each ingredient to make 5 cakes.