



KEC



K Education Centre

KS3 Year 9 Mathematics

Ratio And Proportion

Assignment Questions

©KEducationCentre
Year 2023

Ratio And Proportion

Q1 : Simplify the following ratios:

a) 100:200:1000 b) 45:65 c) 80:24:32

Q2: 7 water bottles cost £10.64 . How much do 15 water bottles cost?

Q3: There are 640 daffodils and iris plants in a garden in the ratio of 5 : 3 . How many daffodils are there?

Q4: Same type of washing powder is sold in three different sized packs. Which pack represents the best value for money?

Pack A - 780 g is £1.92

Pack B – 2.5 kg is £4.32

Pack C – 3 kg is £6.73

Q5: Sharon leaves two million pounds in her will to be shared between Neil and David in the ratio 3 : 5 .

How much more money David inherit than Neil ?

Q6: A business makes a profit of £48 000. The profit is divided between three directors in the ratio 3:2:5 . How much money did each receive?

Q7: At a bank Rashna changes £90 to \$158.80 . How many dollars would Rashna get for changing £260 ?

Q8: It takes 8 people 10 days to build a wall. At same rate how long will it take for 5 people?

Q9: This is a recipe for 10 cookies :

120 g butter

100 g sugar

6 eggs

240 g flour .

Sophie has 290 grams of flour. Does she have enough flour to make 12 cookies?