GCSE Proportion Worksheet   Name_____

Question	
5 pens cost £1.80. Find out how much 7 pens will cost.	
In a recipe for 4 cakes there are 100g of flour, 50g of butter and 40g of sugar. Find out how much you would need of each to make 6 cakes	
For every £5 Pete earns, Bob earns £6.50. Find out how much Pete earns if Bob earns £65	
A 250ml can of fizzy drink has 15g of sugar in. Find out how much sugar is in a glass with 400ml of fizzy drink in	
In a tin of paint, the ratio of red paint to yellow paint is 4:3. There is 1 litre of red paint in the tin. How much yellow paint is in the tin?	
A length of wire costs 80p per meter. Find out how much (i) 3 meters costs and (ii) How much 20cm costs?	
5kg of sand costs £3.20. Find the cost of 3kg of sand.	
For every 2 boys in a class there are 3 girls. If there are 30 girls how many boys were there?	
A recipe uses 240g of butter to make 6 pies. (i) If 420g of butter is used how many pies were made? (ii) Explain why 350g of butter would not be in a recipe if you are making whole pies.	
3 men take 20 days to complete a job. How many days would it take 5 men to do the same job?	
In a sports club there are 2 coaches for every 15 athletes. If there are 75 athletes how many coaches are there?	
There are 32 matches in 4 boxes. How many matches are there in 7 boxes?	
In a drink the ratio of water to fruit juice is 5:1. How much of each will be in (i) a 120ml bottle (ii) a 360ml bottle. (iii) If there is 30ml of fruit juice in the bottle, how big is the bottle?	
y = 2x Find (i) y when x = 4 (ii) x when y = 10	
A bag of gravel weighs 800g. In the bag is 400g of pebbles 320g of sand and 80g of dust. Find out how much of each will be in a 1kg bag of gravel	

(The three remaining columns repeat the same worksheet content verbatim.)