



SATS Revision Homework Sheet

DABs At Liskeard Tutoring

13 - Ratio & Proportion

Q1. Try to solve these problems mentally:

- A bag of four oranges costs thirty seven pence. How much do twelve oranges cost?
- Six cakes cost one pound eighty. How much do ten cakes cost?
- A map shows distances with the ratio 1cm : 2 miles. If a road is 7cm long on the map, how long is it in real life?
- Mike is making cakes. His recipe says, "For 5 people, use 60g of flour." How much flour will be needed for 15 people?

Q2. Frank prints books. His costs are as follows:

- The total bill comes to £1.61. How many pages were in the book?
- The total bill was £3.85. How many pages were in this book?

PRINTING
COSTS

65p Front Cover

8p per page

Q3. Complete this table, changing the amount of each ingredient required.

(Tip. Find the amount needed for one person, then multiply by the number of people.)

<i>Ingredient</i>	<i>For 3 people</i>	<i>For 4 people</i>	<i>For 5 people</i>	<i>For 8 people</i>
<i>e.g. Chocolate</i>	15g	20g	25g	40g
<i>Flour</i>		60g		
<i>Water</i>			250ml	
<i>Eggs</i>	6			
<i>Sugar</i>		28g		
<i>Strawberries</i>				40
<i>Milk</i>			80ml	
<i>Butter</i>	36g			

5g per person

Q4. A map states that 5 miles = 8 km. If a distance is shown as 240km, how many miles is this?