

Chapter 2: Proportional Relationships Test Outline

Total = 87 marks

Part One: No Calculators (20 marks)

1. Express common fractions as decimals e.g. $\frac{1}{2}$, $\frac{3}{4}$, $\frac{4}{9}$, $\frac{2}{3}$
2. Write repeating decimals using bar notation.
3. Long multiplication and division (calculators are allowed)

Part 2: Calculators Allowed (67 marks)

1. Definitions - Matching (8 marks)
2. Write the missing terms in each proportion. (7 marks)
3. Ratio word problem (4 marks)
4. Writing rates as unit rates. (8 marks)
5. Unit rate word problem (9 marks)
6. Using grids to model and calculate percent (6 marks)
7. Solving proportions (9 marks)
8. 5 steps to calculate discount, taxes and sale price (10 marks)
9. Calculating interest (6 marks)

Chapter 2 Test: Study Guide

Repeating decimal -

Terminating decimal -

Ratio -

Proportion -

Scale Factor -

Speed -

Rate -

Unit Rate -

Topics:

2.1 - Expressing Fractions as Decimals

2.2 - Multiplying and Dividing Decimals

2.4 - Ratios

2.5 - Rates

2.6 - Representing Percent

2.7 - Solving Percent Problems

2.8 - Solving Percent Problems Using Decimals

Review Questions: Page 85 # 1-3, 5-7, 9, 12, 13, 15.