

6.2

Total Marks (out of 16)	
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Name	
Date	

Section 1:

solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts

1 To make **8 pancakes** you need **160 grams of flour**.



Eve is making **12 pancakes**.

How many grams of flour does she need?

1 mark

2 Cheese costs £7.00 per kilogram.

How much would it cost to buy **300 grams**?



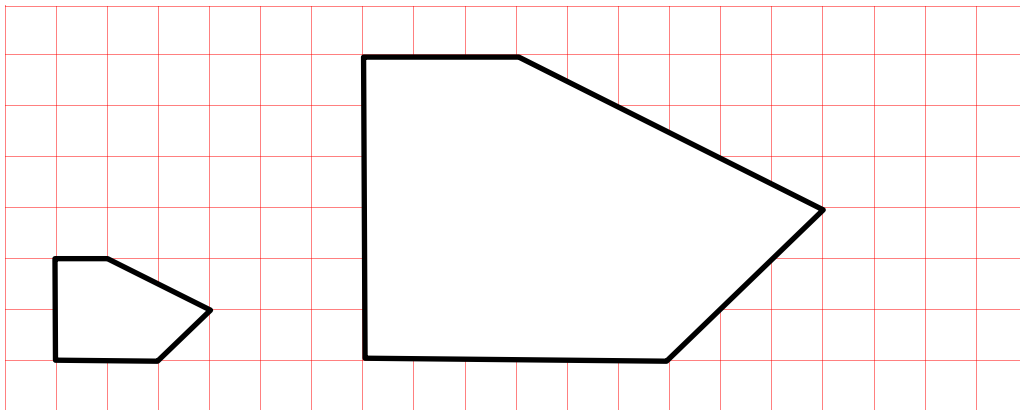
1 mark

Section 3:

solve problems involving similar shapes where the scale factor is known or can be found

7

Write the scale factor used to enlarge the shape on the left.



Scale factor =

_____ 1 mark

8

Enlarge the shape on the left by a scale factor of 2.



The first line has been done for you.

Use a ruler.

_____ 2 marks

Section 4:

solve problems involving unequal sharing and grouping using knowledge of fractions and multiples

9 There are 32 children in Class 6A

$\frac{5}{8}$ of them have a packed lunch. The rest have a school dinner.

How many children have a **school dinner**?

Show your method

_____ 2 marks

10 There are 120 children in Year 7 at Kinton High School.
In P.E. they can choose to play either football, rugby or rounders.

$\frac{2}{5}$ of the children chose to play football.

Twice as many children chose to play rugby as chose to play rounders.

How many children chose rounders?

_____ 1 mark