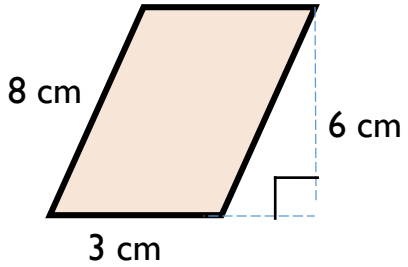
Year 7

Multiplication and Division

Name _____

1 Calculate the area of each shape.

_____ cm^2 [1 mark]



_____ cm^2 [1 mark]

2 Are these statements true (T) or false (F)?

Statement	T	F
Odd numbers only have odd multiples		
The lowest common multiple of 8 and 12 is 4		
$120 \div 3 = 3 \div 120$		

[2 marks]

3 Calculate:

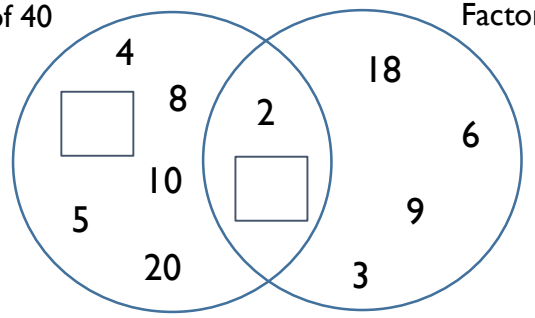
$242 \times 9 =$ _____ [1 mark]

$8035 \div 5 =$ _____ [1 mark]

4 Mr Dee buys 33 packs of pens for his classroom.
Each pack costs 86p.
How much money does Mr Dee spend on pens?

_____ [2 marks]

5 Complete the Venn diagram.



[2 marks]

6 James records the number of green gummy bears he gets in 5 bags of sweets.

Here are his results.

6 0 9 7 8

What is the mean number of green gummy bears per bag?

_____

2 marks

7 Here are some calculation cards.

12 mm ×10	12 mm ÷10
$\frac{6}{25}$ m	0.12 m

Tick the cards that are equivalent to 12 cm.

2 marks

8 Calculate the following.

0.6×3

_____

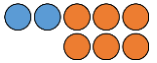
1 mark

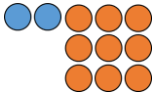
34.6×6

_____

2 marks

9 Match each diagram to the correct calculation.





$(2 + 3) \times 2$

$2 + 3 \times 2$

$2 + 3^2$

1 mark

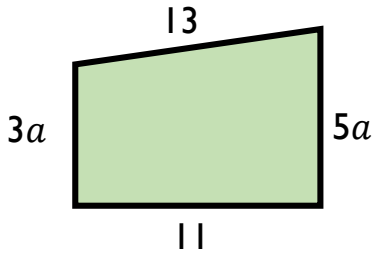
10 Evaluate the following when $p = 4$

$$13 - 3 \times p + 2$$

_____

1 mark

11 H Find the area of this trapezium.
Give your answer in terms of a.



_____

1 mark

Total marks