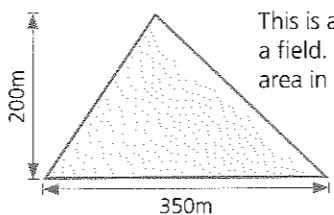
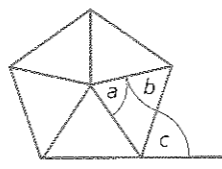
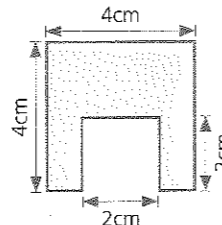


- A** **Answer**
- $2.999 + 0.1 =$  3.099
  - $\frac{40}{45} \div 8 =$   $\frac{1}{9}$
  - 6.25% of £4.00 =  $p$  25p
  - £3.24 =  $\dots \times 2p$  162
  - $86.6 \times 200 =$  17320
  - $5.2l - 480ml =$   $l$  4.72l
  - $5x = 28.2$ . Find the value of  $x$ . 5.64
  - $11730 \div 25 = 469r$  5
  - $£2.78 + £2.78 + £2.78 + £2.78 + £2.78 =$  £13.90
  - $4kg \times \frac{3}{4} = 1500g$  8
  - 40cm cost 50p. Find the cost per metre. £1.25
  - Subtract 6 from -3. -9

- B** **Answer**
- a  $£1.32 \times 4 =$  a £5.28  
b  $£1.32 \times 16 =$  b £21.12
  - What must be added to  $2\frac{5}{8}$  to make  $4\frac{1}{2}$ ?  $\frac{7}{8}$
  - Find 8.5% of £10. 85p
  - The perimeter of a rectangle is 30m. The width is 6.5m. Find its length. 8.5m
  - Divide £162 in the ratio 5:4. £90 £72
  - 1000 bags of crisps cost £154.00. Find the cost of one bag of crisps to the nearest penny. 15p
  - How much less than 20 is the product of 1.7 and 9? 4.7
  - How many thousandths in  $\frac{1}{4}$  of 0.02? 5 thousandths
  - Find the difference in millimetres between 0.7m and 369mm. 331mm
  - Write 150ml of 750ml as  
a a fraction in its simplest form a  $\frac{1}{5}$   
b a percentage. b 20%
  - Round these amounts to the nearest £1 and then find the approximate answer.  
 $£16.70 + £12.95 + £9.28$  £39
  - If 5 miles is about 8km, about how many kilometres is 17.5 miles? 28km

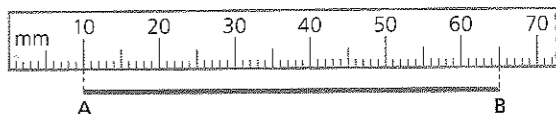
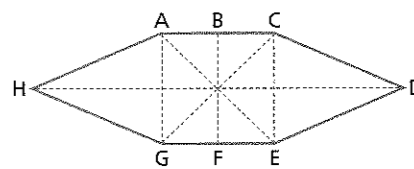
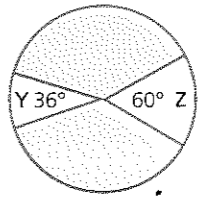
- C** **Answer**
- $3.468 \times 6$  Write the answer  
a to three decimal places a 20.808  
b to two decimal places b 20.81  
c to one decimal place. c 20.8
  - The contents of four boxes of sweets were 51, 46, 49 and 54. Find the mean contents. 50
  -  This is a plan of a field. Write its area in  $m^2$ . 35000m<sup>2</sup>
  - A crate of 240 eggs was delivered to a school kitchen. 12 of the eggs were broken. What percentage were  
a broken a 5% b not broken? b 95%
  - $F = \{1, 2, 3, 6, \dots, \dots, \dots, 78\}$   
 $F =$  the set of factors of 78. Find the missing factors. 13 26 39
  - Find each missing mass.  

mass of onions	450g	1.75kg	zkg
mass of box	xg	750g	150kg
total mass	635g	ykg	1.1t

  
x 185g  
y 2.5kg  
z 950kg
  - A camera costs £85.50. It can be paid for in nine equal instalments. Find the cost of each payment. £9.50
  -  This is a regular pentagon. Find in degrees the measurement of  $\angle a$ ,  $\angle b$ ,  $\angle c$ .  
 $\angle a$  72°  
 $\angle b$  54°  
 $\angle c$  72°
  - $1g = 1000mg$  A selection pack contains 120 chocolates. Each chocolate has a mass of 500mg.  
a Write the mass of each chocolate in grams. a 0.5g or  $\frac{1}{2}g$   
b Find in grams the total mass of the chocolates. b 60g
  -  For the shaded shape find  
a the area a 12cm<sup>2</sup>  
b the perimeter. b 20cm
  - A wall 3m high and 4m wide is to be covered in wallpaper 50cm wide. What length in metres of the paper is required? 24m
  - Find the cost per kilogram of 1.5kg of ice cream costing £3.18. £2.12 per kg

- A** **Answer**
- $(268 + 232) - 350 =$  150
  - $2640000 =$  million 2.64 million
  - $50p - (17p + 16p + 9p) =$  8p
  - $3.5m - 175cm =$  cm 175cm
  - $\frac{2}{21} = \frac{2}{3}$ . Find the value of  $x$ . 14
  - Find the cost of 750ml at £4.80 per litre. £3.60
  - $\frac{16}{8} \div \frac{r}{y} = 4$  Find the value of  $y$ . 132
  - $4 \times 18 \times 50 =$  3600
  - $\frac{6}{8} \div 12 =$   $\frac{1}{16}$
  - $(12\% \text{ of } £5) + (8\% \text{ of } £5) =$  £1.00
  - $7\frac{1}{4}l \div \dots = 725ml$  10
  - $\$0.14 \times 15 =$  \\$2.10

- B** **Answer**
- Find in centimetres the perimeter of an equilateral triangle with sides measuring 96mm each. 28.8cm
  - Write the 24-hour clock time which is 1h 24min after 22:57. 00:21
  - How many times is 800g contained in 3.2kg? 4
  - Divide £85 by 6  
a to the nearest 10p a £14.20  
b to the nearest penny. b £14.17
  - The total of two amounts is £12 and their difference is £3.60. Find the two amounts. £7.80 £4.20
  - Find the difference in thousands between  $(1 \times 10^5)$  and  $(9 \times 10^4)$ . 10000
  - Write  $3\frac{1}{2}\%$  as a decimal. 0.035
  - Multiply £2.54 by 1.5. £3.81
  - Write the year 1349 using Roman numerals. MCCCXLIX
  - Increase £15 by 4%. £15.60
  - Write the scale 1cm to 2km as a fraction.  $\frac{1}{200000}$
  - The diameter of a circle is 6cm. Its circumference is 3.14 times greater. What is the perimeter of the semicircle? 15.42cm

- C** **Answer**
- Find the cost per kilogram of  
a shampoo costing £1.09 for 500g a £2.18  
b conditioner costing £1.26 for 600g. b £2.10
  - A 50p coin has a mass of 13.5g. What is the mass of £10 worth of 50ps? 270g
  - Write the length of a line 100 times the length of the line AB  
a in millimetres a 5500mm  
b in centimetres b 550cm  
c in metres. c 5.5m
- 
- On a plan of a house the living room measures 44mm long and 40mm wide. The scale of the plan is 1cm to 1m. Find in  $m^2$  the area of the living room. 17.6m<sup>2</sup>
  - Which of the dotted lines are lines of symmetry?  
 BF HD
  - Ellie ran 800m in 1min 52s. What was her average time per 100m? 14s
  - On a five-day holiday George walked 14.75km, 13.76km, 12.29km, 10.15km and 9.32km. Round each distance to the nearest kilometre and find the approximate mean distance walked daily. 12km
  -  The circumference of the circle is 420mm. Find the length of the arcs of  
a sector Y a 42mm  
b sector Z. b 70mm
  - Lemonade can be made of water and lemon juice in the ratio 4:1. How many litres of water are mixed with half a 50l cask of lemon juice? 100l
  - Find the mean daily temperature.  

Mon	Tues	Wed	Thurs	Fri
5°C	3°C	0°C	-1°C	-2°C

1°C
  - The point (3, 5) is translated two squares to the left and four squares down. The new point is then reflected in the y-axis. What are the coordinates of the reflected point? (-1, 1)
  - These are the results of three tests. Write each as a percentage.  
a  $\frac{18}{25}$  a 72% b  $\frac{30}{40}$  b 75% c  $\frac{10}{30}$  c 33 $\frac{1}{3}$ %