

A Answer

- 1 a $2^5 = 2 \times 2 \times 2 \times 2 \times 2 = \underline{\quad}$ a

- b $10^5 = \underline{\quad}$ b

- 2 five 5ps + seven 10ps - nine 2ps =

 p
- 3 $(73 + 9) = 150 - \underline{\quad}$

- 4 $10.085\text{km} = \underline{\quad}$ m

- 5 $\frac{y}{100} = 10.64$. Find the value of y .

- 6 $6.358 = 63$ tenths +

 thousandths

- 7 $550\text{g} \times 6 = \underline{\quad}$ kg

- 8 $\pounds 36.50 \div 10 = \underline{\quad}$ f

- 9 $75^\circ + 65^\circ + 90^\circ + \underline{\quad}^\circ = 360^\circ$

- 10 $\frac{3}{10}$ of $0.3\text{m} = \underline{\quad}$ cm

- 11 8% of $\pounds 3.00 = \underline{\quad}$ p

- 12 $17.2 \div 2 = \underline{\quad}$

B Answer

- 1 Write these improper fractions as mixed numbers.
a $\frac{74}{5}$ b $\frac{39}{7}$

 a

 b

- 2 Find in litres the total of 830ml, 360ml and 170ml.

 l
- 3 Of these numbers which is
a the largest
b the smallest?

3.03 3.33 3.3 3.333

- 4 Which year is MCMXCIX?

- 5 Write as a fraction in its simplest form.
a 15mm of 15cm
b 25min of 1h

 a

 b

- 6 Find the difference between 0.394 and 0.4.

- 7 Which of these numbers are multiples of both 5 and 8?

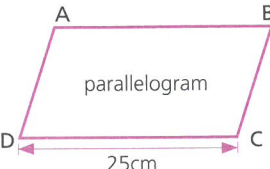
16 25 40 64 90 120

- 8 $\frac{3}{8}$ of a sum of money is 45p. Find $\frac{1}{2}$ of the sum of money.

 p
- 9 Find to the nearest centimetre one seventh of $6\frac{1}{4}\text{m}$.

 cm
- 10 What sum of money is 200% of $\pounds 170$?

 \pounds
- 11 Find the cost of 2.5kg at 74p per 500g.

 \pounds
- 12  The perimeter of this parallelogram is 72cm.
Find the length of the sides AD and BC.

 cm

C Answer

- 1 By how many is $(10^3 + 16)$ greater than $(10^2 + 16)$?

- 2 George's date of birth is 27 Nov. 04. How old will he be in years and months on 1 Sept. 2020?

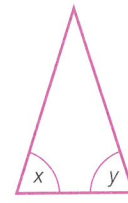
 yr

 mth
- 3 Sophie received a gift of $\pounds 16$. She saved 90% of the money and spent the rest.
a What percentage did she spend?

 a

 %
b How much did she save?

 b \pounds

- 4  Each of the equal angles in this isosceles triangle is twice the size of the third angle. Find the size of
a the third angle

 a

 °
b the equal angles at the base.

 b

 °
- 5 A line 10cm long is drawn to represent a distance of 3km. To what scale is the line drawn?

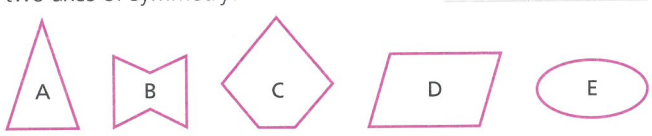
 cm to

 m
- 6

Potatoes
 $\pounds 1.40$ for a 3kg bag
or 24p per $\frac{1}{2}\text{kg}$

 How much money is saved by buying 6kg of potatoes in bags?

 p
- 7 A rectangular plot of ground measures 19.7m long and 13.4m wide. Round each measurement to the nearest metre and then find the approximate area of the plot.

- 8 Which of these shapes have two axes of symmetry?


- 9 There were three candidates A, B and C in an election. Of the total votes A polled $\frac{1}{4}$, B polled $\frac{1}{6}$ and C polled $\frac{1}{3}$.
a Which candidate won the election?

 a

- b What fraction of the electors did not vote?

 b

- 10 $x = 8 \times 4 + 4$ $y = 8 \times (4 + 4)$
Find the value of
a x

 a

- b y

 b

- c $y - x$.

 c

- 11 The price of a pen was increased from 30p to 36p. Find the increase as a percentage of the original price.

 %
- 12 Find in millimetres the diameter of a circle that has the radius 7.7cm.

 mm