

A	Answer
1 £0.175 × 2 = p	 p
2 5% of £44 = £	 £
3 4.056kg + g = 4.75kg	 g
4 (9 × 10 ⁴) = 	
5 £50.04 ÷ 3 = £	 £
6 ($\frac{7}{8}$ of 56) + ($\frac{2}{3}$ of 30) = 	
7 £0.34 × 50 = £	 £
8 $\frac{17}{25} = \frac{\text{ }}{100} = \text{ }\%$	$\frac{\text{ }}{100} = \text{ }\%$
9 3m ÷ 6 = mm	 mm
10 250ml × 16 = l	 l
11 $\frac{7}{10} \div 3 = \text{ }$	
12 500 - (5 × 8 × 7) = 	

B	Answer
1 By how many is 100 000 less than 1 million? Write the answer in digits.	
2 Find the product of 30 and $3\frac{2}{5}$.	
3 Find the difference between 1min 43.5s and 1min 47.4s.	 s
4 How many 0.3m lengths can be cut from 7.5m?	
5 By how many hundredths is $\frac{3}{4}$ more than 0.7?	 hundredths
6 Share \$35 in the ratio 5:2.	\$ \$
7 The area of a parallelogram is 12.64m ² . The base is 8m long. Find the height in metres.	 m
8 Multiply £40 by 19.	 £
9 What percentage of 4m is 50cm?	 %
10 Find the total contents in litres of eight bottles each containing 355ml.	 l
11 $\frac{3}{4}$ of a sum of money is £1.50. Find the whole amount.	 £
12 Write in its simplest form the answer to $\frac{8}{10}$ divided by 4.	

C	Answer
1 One litre costs £4.20. Find the cost of 1.75l.	 £
2 a How many centuries does the timeline represent?	 a
b How many years are represented on the timeline from X to Y?	 b

3 A hundred 10ps were placed edge to edge in a straight line. The diameter of a 10p coin is 24.5mm. Find the length of the line in metres.	 m
4 Write 30cm of 1m as	
a a fraction in its simplest form	 a
b a percentage.	 b
5 The volume of a cube is 1000cm ³ . Find	
a the length of one edge	 a cm
b the total surface area in cm ² .	 b cm ²
6 Follow this number chain. What number do you reach? Start at -10 → add 6 → subtract 4 → add 9 → subtract 5 → stop.	
7 The shape is a regular hexagon.	
a How many degrees are there in each angle at the centre?	 a °
b How many degrees are there in each angle at the centre of a regular octagon?	 b °
8 Round each quantity to the nearest whole unit and then find the approximate answer.	
a 9.018l × 24 =	 a l
b 6.72m × 18 =	 b m
9 Walking at a speed of 6km/h, how long will it take to walk from	
a Sten to Coty	 a
b Tinley to Coty?	 b

10 The area of a circle is 78.5cm ² . Find the area of the semicircle.	
11 What speed in kilometres per hour is the same as 26 $\frac{1}{2}$ km in 15min?	 km/h
12	

Ibrahim	11 years 6 months
Alfie	12 years 4 months
Leah	10 years 2 months

Find the average age of the children. yr mth

A

Answer

- $24 + 17 + 46 =$ _____
- $125g \times 8 =$ kg
- $77p \times 7 =$ £
- $\frac{9}{3} \div 3 =$ _____
- 5% of 1.2kg = g
- $0.054m =$ cm
- $£10.00 - (£3.79 + £2.81) =$ £
- $75ml \times 1000 =$ l
- $8 \times Ey = £10.16$. Find the value in £s of y . £
- $0.01 \times 0.1 =$ _____
- $$\begin{array}{r} 2.88 \\ 9 \overline{) 25.92} \\ \underline{18} \\ 79 \\ \underline{72} \\ 72 \\ \underline{72} \\ 0 \end{array}$$
- 4 tonnes cost £10. Find the cost of 3t. £

B

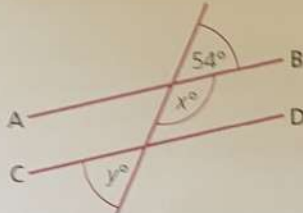
Answer

- Write as a percentage 8.5p from £1. _____ %
- What do you multiply 0.5 by to give 6.0? _____
- Add sixty thousand to a quarter of a million. _____
- Which of the following are prime numbers?
 17 27 37 47 57
- Which of the following numbers are composite (not prime) numbers?
 51 52 53 54
- Diagonals are drawn in a square with sides of 6cm to create four triangles. Find the area of one of these triangles. _____ cm^2
- Express as a ratio
a 60p to £1.80 _____ a
b 1mm to 4.5m. _____ b
- One jam tart costs 12p. Find the cost of 200. £
- How many 750ml bottles can be filled from 3l? _____
- Write 875g of 1kg as
a a decimal fraction _____ a
b a fraction in its simplest form. _____ b
- Express $50 \div 9$
a as a mixed number _____ a
b as a decimal correct to two places. _____ b
- How much greater is the total of £2.45 and £3.55 than £18 divided by 4? £

C

Answer

- Which of the measurements is nearest to $\frac{1}{2}m$?
 475mm 43cm 0.575m 0.6m
- Henry missed the 08:44 train by 7min. How long did he have to wait for the next train at 10:17? _____ h _____ min
- By how many metres is 820m less than 1.25km? _____ m

- 

The lines AB and CD are parallel. Find in degrees $\angle x$ and $\angle y$. $\angle x$ _____ $\angle y$ _____

- The estimated population of Mexico City is 18850000. Write the population
a in millions as a decimal _____ million
b to the nearest 100 000. _____

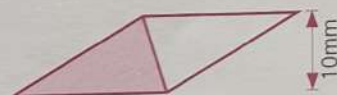
- $56 \times 27 = 1512$. Find
a 28×27 _____
b $27 \overline{) 15.12}$ _____

- π is approximately $3\frac{1}{7}$. Write $3\frac{1}{7}$ as
a an improper fraction _____ a
b a decimal correct to two places. _____ b

- By how much is the product of $\frac{2}{3}$ and 6 less than the sum of $\frac{2}{3}$ and 6? _____

- One adult ticket and three half-price tickets cost £10. Find the cost of one adult ticket. £

- The perimeter of the rhombus is 80mm. What is the area in mm^2 of the shaded triangle? _____ mm^2



- The scale of a plan is 1:250. What is the actual length in metres represented by a line on the plan which measures 40mm? _____ m

- These are the results of a cycling test. Write each school's number of passes as a percentage of the number of children.
Barsby _____ %
Clinton _____ %
St. Peter's _____ %

school	Barsby	Clinton	St. Peter's
number of children	100	200	300
number of passes	92	165	270

SECTION 3 | Test 7

Schofield & Sims

A Answer

- $(8 \times 7 \times 0) + (8 + 7 + 0) =$ _____
- $\square \times \frac{1}{2} = 6$ _____
- Find the cost of 125g at £1.24 per $\frac{1}{2}$ kg. _____ p
- $£7.04 \div 8 = \square$ p _____ p
- 0.7 million + 0.5 million. Answer in digits. _____
- $£4.05 \times 10 =$ £ _____
- $3650\text{mm} + \square \text{mm} = 5\text{m}$ _____ mm
- 30% of £5 = £ _____
- $\frac{£2.40}{6} + 60\text{p} = \text{£} \square$ £ _____
- $(480\text{m} + 530\text{m}) \times 2 = \square \text{km}$ _____ km
- $\frac{14}{16} \div 5 =$ _____
- $(600\text{ml} \times 5) \div 2 = \square \text{l}$ _____ l

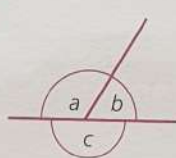
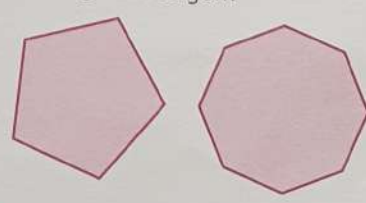
B Answer

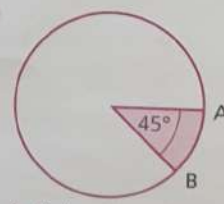
- How much less than 50 is $\frac{2}{7}$ of 28? _____
- Add twenty to thirty-nine thousand nine hundred and eighty. Answer in digits. _____
- Find the whole amount when 20% is 50p. £ _____
- $(6 \times 10^4) + 1 =$ _____
- 1000 pencils cost £95. Find the cost of
a 10 _____ p
b 40. _____ f
- Find the difference in millilitres between 0.75 of 800ml and 0.7 of 1l. _____ ml
- Write as a decimal. a $\frac{1}{50}$ _____ a
b $\frac{1}{25}$ _____ b
- A length of 3.75m is cut into six equal parts. Find the length in millimetres of each part. _____ mm
- Express as a ratio
a 800ml to 4l _____ a
b 600g to 6kg. _____ b
- Write $\frac{1}{6}$ correct to two decimal places. _____
- Subtract the sum of 780mm and 52cm from 2m. _____ mm
- The area of a rectangle is 450cm^2 . The length is 30cm. Find the width in centimetres. _____ cm

C Answer

- A hundred 2ps weigh 0.712kg. Find the mass in grams of £1 worth of 2ps. _____ g
- These are the number of sweets found by four children in a treasure hunt. What is the mean number of sweets found?

20	17	0	11
----	----	---	----

- $x = 3.5 - 0.5 \times 7$ $y = (3.5 - 0.5) \times 7$
Find the value of a x _____ a
b y _____ b
c $y - x$. _____ c
- Noah and Poppy shared their money in the ratio of 4:3. Noah's share was £12, which was the larger amount. How much was Poppy's share? £ _____
- A bottle of water holds 450ml. Find in litres the contents of 50 bottles. _____ l
-  $\angle a$ is twice the size of $\angle b$. $\angle c$ is three times the size of $\angle b$. Find in degrees $\angle a$, $\angle b$ and $\angle c$.
 $\angle a$ _____ °
 $\angle b$ _____ °
 $\angle c$ _____ °
- Toby was born on 1 Oct. 04. How old will he be in years and months on 1 Feb. 2020? _____ yr _____ mth
- Find the cost to the nearest penny of one balloon when 50 balloons cost £3.80. _____ p
- How many lines of symmetry has
a a regular pentagon _____ a
b a regular octagon? _____ b
- 
- 3m of silk is divided into nine equal pieces. Write to the nearest centimetre the length of one piece. _____ cm
- | |
|-------|
| £2.75 |
| 1.63 |
| 4.25 |

 Find the change from a £10 note after paying this bill. £ _____
-  a What fraction of the area of the circle is the shaded sector? a _____
b If the circumference of the circle measures 471mm, find to the nearest millimetre the length of the arc AB. _____ b

A Answer

- 2 tonnes - 850kg = t
- Round 4546000 to the nearest hundred thousand.
- $\frac{1}{2} + \square = \frac{11}{12}$
- $68p + 27p + £1.16 = £\square$
- $275\text{mm} \times 6 = \square\text{m}$
- $44p \times 9 = £\square$
- 1kg costs 70p. Find the cost of 600g.
- $12 \times 5 \times 20 =$
- $33\frac{1}{3}\%$ of £51 =
- $£13.00 - £\square = £8.36$
- $5.0 \times 0.5 =$
- $\frac{£4.02}{7} = \square\text{p}$ $\square\text{r}$ $\square\text{p}$

B Answer


- How many hundredths more than $\frac{1}{4}$ is 0.31? hundredths
- How many litres and millilitres in $\frac{3}{8}$ of 10l? l ml
- $3 \times 3 = 3^2 = 9$ $\sqrt{9} = 3$
Find $\sqrt{25}$.
- 40 waffles cost £22. Find the cost of eight waffles.
- Find the sum of the prime numbers between 60 and 70.
- How much is 150% of £3.50?
- How many times is 125ml contained in
a 0.5l b 2.75l?
- $\begin{array}{r} 4\ 5\ 8\ 3 \\ - 2\ 6\ 9\ 4 \\ \hline 1\ 8\ 8\ 9 \end{array}$ Use the example to find
a $2694 + 1889$
b $4583 - 1889$.
- The perimeter of a rectangle is 54cm. The breadth is half that of the length.
Find a the length
b the breadth.
- What number when multiplied by 6 has a product of 39.6?
- Write the coordinates of the point (3, 5) when reflected in the y-axis.
- How many centimetres less than 8m is the total of twenty 36cm lengths?

C Answer


- | |
|-------|
| 23:57 |
| 23:58 |
| 23:59 |
| a |
| b |

These are five consecutive readings at one minute intervals on a 24-hour digital clock. Write the next two readings on the clock.

a
b
- The mass of three-quarters of a cake is $4\frac{1}{2}$ kg. What is the mass of half of the cake? kg
- A room is 5m long and 4m wide. It has a volume of 60m^3 . How high is the room?
- $\frac{1}{4}$ million people visited an art gallery in one week. This number increased by 1% the following week. What was the increased number of visitors?
- After saving a regular amount each month for one year Sita had a total of £18. How much had she saved after
a 3 months b 10 months?
a £
b £
- Syed was absent from school 20 times out of a possible attendance of 400. Write as a percentage the number of times he was
a %
b %
a absent b present.
- | | |
|-----------|---------|
| Broughton | Carnley |
| depart | arrive |
| 15:48 | 16:28 |



The distance from Broughton to Carnley is 90km. Find the average speed of the train in kilometres per hour.

km/h
- The attendances at four music festivals were 29758, 25495, 24086 and 19810. Round each number to the nearest thousand and find the approximate total attendance.
- Five melons of equal value cost £5.40. Find the value of three of the melons.
- What is the distance from Ash to Rost
a m
a in metres b in kilometres? km
- 

Find the circumference of the circle to the nearest centimetre. ($C = 2\pi r$; $\pi = 3.14$).

cm
- 1cm on a map represents an actual distance of 600m. What is the scale of the map?

SECTION 3 | Test 5

Schofield & Sims

A

Answer

- $£0.175 \times 2 =$ 35p
- 5% of £44 = £2.20
- $4.056\text{kg} +$ 694g $= 4.75\text{kg}$
- $(9 \times 10^4) =$ 90000
- $£50.04 \div 3 =$ £16.68
- $(\frac{7}{8} \text{ of } 56) + (\frac{2}{3} \text{ of } 30) =$ 69
- $£0.34 \times 50 =$ £17.00
- $\frac{17}{25} = \frac{\quad}{100} =$ 68%
- $3\text{m} \div 6 =$ 500mm
- $250\text{ml} \times 16 =$ 4l
- $\frac{7}{10} \div 3 =$ $\frac{7}{30}$
- $500 - (5 \times 8 \times 7) =$ 220

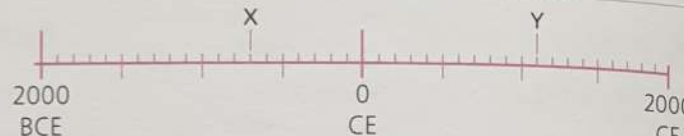

B

Answer


- By how many is 100 000 less than 1 million? Write the answer in digits. 900 000
- Find the product of 30 and $3\frac{2}{5}$. 102
- Find the difference between 1min 43.5s and 1min 47.4s. 3.9s
- How many 0.3m lengths can be cut from 7.5m? 25
- By how many hundredths is $\frac{3}{4}$ more than 0.7? 5 hundredths
- Share \$35 in the ratio 5:2. \$25 \$10
- The area of a parallelogram is 12.64m^2 . The base is 8m long. Find the height in metres. 1.58m
- Multiply £40 by 19. £760
- What percentage of 4m is 50cm? 12 $\frac{1}{2}$ %
- Find the total contents in litres of eight bottles each containing 355ml. 2.84l
- $\frac{3}{4}$ of a sum of money is £1.50. Find the whole amount. £2.00
- Write in its simplest form the answer to $\frac{8}{10}$ divided by 4. $\frac{1}{5}$

C

Answer

- One litre costs £4.20. Find the cost of 1.75L. £7.35
- How many centuries does the timeline represent? a 40
 - How many years are represented on the timeline from X to Y? b 1800
- A hundred 10ps were placed edge to edge in a straight line. The diameter of a 10p coin is 24.5mm. Find the length of the line in metres. 2.45m
- Write 30cm of 1m as
 - a fraction in its simplest form a $\frac{3}{10}$
 - a percentage. b 30%
- The volume of a cube is 1000cm^3 . Find
 - the length of one edge a 10cm
 - the total surface area in cm^2 . b 600cm^2
- Follow this number chain. What number do you reach? Start at -10 → add 6 → subtract 4 → add 9 → subtract 5 → stop. -4
- 

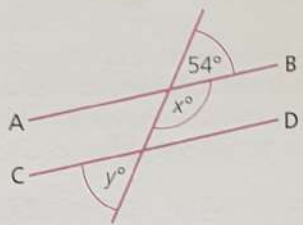
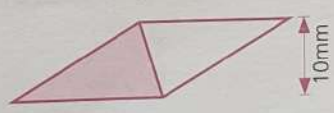
The shape is a regular hexagon.

 - How many degrees are there in each angle at the centre? a 60°
 - How many degrees are there in each angle at the centre of a regular octagon? b 45°
- Round each quantity to the nearest whole unit and then find the approximate answer.
 - $9.018\text{l} \times 24 =$ a 216l
 - $6.72\text{m} \times 18 =$ b 126m
- Walking at a speed of 6km/h, how long will it take to walk from
 - Sten to Coty a $\frac{3}{4}\text{h}$
 - Tinley to Coty? b $2\frac{1}{4}\text{h}$ (or 2h 15min)
- The area of a circle is 78.5cm^2 . Find the area of the semicircle. 39.25cm²
- What speed in kilometres per hour is the same as $26\frac{1}{2}\text{km}$ in 15min? 106km/h
- | | |
|---------|-------------------|
| Ibrahim | 11 years 6 months |
| Alfie | 12 years 4 months |
| Leah | 10 years 2 months |

Find the average age of the children. 11yr 4mth

A	Answer
1 $24 + 17 + 46 =$	<u>87</u>
2 $725\text{g} \times 8 =$ kg	<u>5.8kg</u>
3 $77\text{p} \times 7 =$ £ 	<u>£5.39</u>
4 $\frac{9}{12} \div 3 =$	<u>$\frac{1}{4}$</u>
5 5% of 1.2kg = g	<u>60g</u>
6 0.054m = cm	<u>5.4cm</u>
7 $£10.00 - (£3.79 + £2.81) =$	<u>£3.40</u>
8 $75\text{ml} \times 1000 =$ l	<u>75l</u>
9 $8 \times \text{£}y = \text{£}10.16$. Find the value in £s of y.	<u>£1.27</u>
10 $0.01 \times 0.1 =$	<u>0.001</u>
11 $\begin{array}{r} 2.88 \\ 9 \overline{) 25.92} \end{array}$	<u>25.92</u>
12 4 tonnes cost £10. Find the cost of 3t.	<u>£7.50</u>

B	Answer
1 Write as a percentage 8.5p from £1.	<u>8.5%</u>
2 What do you multiply 0.5 by to give 6.0?	<u>12</u>
3 Add sixty thousand to a quarter of a million.	<u>310000</u>
4 Which of the following are prime numbers? 17 27 37 47 57	<u>17, 37, 47</u>
5 Which of the following numbers are composite (not prime) numbers? 51 52 53 54	<u>51, 52, 54</u>
6 Diagonals are drawn in a square with sides of 6cm to create four triangles. Find the area of one of these triangles.	<u>9cm²</u>
7 Express as a ratio a 60p to £1.80 b 1mm to 4.5m.	a <u>1:3</u> b <u>1:4500</u>
8 One jam tart costs 12p. Find the cost of 200.	<u>£24.00</u>
9 How many 750ml bottles can be filled from 3l?	<u>4</u>
10 Write 875g of 1kg as a a decimal fraction b a fraction in its simplest form.	a <u>0.875</u> b <u>$\frac{7}{8}$</u>
11 Express $50 \div 9$ a as a mixed number b as a decimal correct to two places.	a <u>$5\frac{5}{9}$</u> b <u>5.56</u>
12 How much greater is the total of £2.45 and £3.55 than £18 divided by 4?	<u>£1.50</u>

C	Answer
1 Which of the measurements is nearest to $\frac{1}{2}\text{m}$? 475mm 43cm 0.575m 0.6m	<u>475mm</u>
2 Henry missed the 08:44 train by 7min. How long did he have to wait for the next train at 10:17?	<u>1h 26min</u>
3 By how many metres is 820m less than 1.25km?	<u>430m</u>
4  The lines AB and CD are parallel. Find in degrees $\angle x$ and $\angle y$.	$\angle x$ <u>126°</u> $\angle y$ <u>54°</u>
5 The estimated population of Mexico City is 18850000. Write the population a in millions as a decimal b to the nearest 100000.	a <u>18.85 million</u> b <u>18900000</u>
6 $56 \times 27 = 1512$. Find a 28×27 b $27 \overline{) 15.12}$	a <u>756</u> b <u>0.56</u>
7 π is approximately $3\frac{1}{7}$. Write $3\frac{1}{7}$ as a an improper fraction b a decimal correct to two places.	a <u>$\frac{22}{7}$</u> b <u>3.14</u>
8 By how much is the product of $\frac{2}{3}$ and 6 less than the sum of $\frac{2}{3}$ and 6?	<u>$\frac{2}{3}$</u>
9 One adult ticket and three half-price tickets cost £10. Find the cost of one adult ticket.	<u>£4.00</u>
10 The perimeter of the rhombus is 80mm. What is the area in mm ² of the shaded triangle? 	<u>100mm²</u>
11 The scale of a plan is 1:250. What is the actual length in metres represented by a line on the plan which measures 40mm?	<u>10m</u>
12 These are the results of a cycling test. Write each school's number of passes as a percentage of the number of children. Barsby Clinton St. Peter's	<u>92%</u> <u>82.5%</u> <u>90%</u>

school	Barsby	Clinton	St. Peter's
number of children	100	200	300
number of passes	92	165	270

A Answer

- $(8 \times 7 \times 0) + (8 + 7 + 0) =$ 15
- $\square \times \frac{1}{2} = 6$ 12
- Find the cost of 125g at £1.24 per $\frac{1}{2}$ kg. 31p
- $£7.04 \div 8 = \square$ p 88p
- 0.7 million + 0.5 million. Answer in digits. 1 200 000
- $£4.05 \times 10 =$ £40.50
- $3650\text{mm} + \square \text{mm} = 5\text{m}$ 1350mm
- 30% of £5 = £1.50
- $\frac{£2.40}{6} + 60\text{p} = \square$ £1.00
- $(480\text{m} + 530\text{m}) \times 2 = \square$ km 2.02km
- $\frac{14}{16} \div 5 =$ $\frac{7}{40}$
- $(600\text{ml} \times 5) \div 2 = \square$ l 1.5l

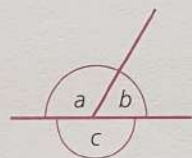
B Answer

- How much less than 50 is $\frac{2}{7}$ of 28? 42
- Add twenty to thirty-nine thousand nine hundred and eighty. Answer in digits. 40 000
- Find the whole amount when 20% is 50p. £2.50
- $(6 \times 10^4) + 1 =$ 60 001
- 1000 pencils cost £95. Find the cost of
 - a 10 a 95p
 - b 40. b £3.80
- Find the difference in millilitres between 0.75 of 800ml and 0.7 of 1L. 100ml
- Write as a decimal.
 - a $\frac{1}{50}$ a 0.02
 - b $\frac{1}{25}$ b 0.04
- A length of 3.75m is cut into six equal parts. Find the length in millimetres of each part. 625mm
- Express as a ratio
 - a 800ml to 4l a 1:5
 - b 600g to 6kg. b 1:10
- Write $\frac{1}{6}$ correct to two decimal places. 0.17
- Subtract the sum of 780mm and 52cm from 2m. 700mm
- The area of a rectangle is 450cm^2 . The length is 30cm. Find the width in centimetres. 15cm

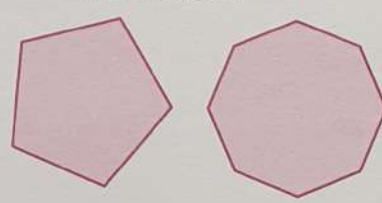
C Answer

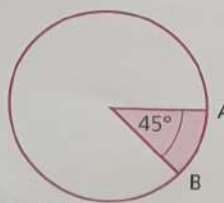
- A hundred 2ps weigh 0.712kg. Find the mass in grams of £1 worth of 2ps. 356g
- These are the number of sweets found by four children in a treasure hunt. What is the mean number of sweets found?

20	17	0	11
----	----	---	----

12
- $x = 3.5 - 0.5 \times 7$ $y = (3.5 - 0.5) \times 7$
 Find the value of
 - a x a 0
 - b y b 21
 - c $y - x$. c 21
- Noah and Poppy shared their money in the ratio of 4:3. Noah's share was £12, which was the larger amount. How much was Poppy's share? £9
- A bottle of water holds 450ml. Find in litres the contents of 50 bottles. 22.5l
- 

$\angle a$ is twice the size of $\angle b$. $\angle c$ is three times the size of $\angle b$. Find in degrees $\angle a$, $\angle b$ and $\angle c$.

 - $\angle a$ 120°
 - $\angle b$ 60°
 - $\angle c$ 180°
- Toby was born on 1 Oct. 04. How old will he be in years and months on 1 Feb. 2020? 15yr 4mth
- Find the cost to the nearest penny of one balloon when 50 balloons cost £3.80. 8p
- How many lines of symmetry has
 - a a regular pentagon a 5
 - b a regular octagon? b 8
- 
- 3m of silk is divided into nine equal pieces. Write to the nearest centimetre the length of one piece. 33cm
- | |
|-------|
| £2.75 |
| 1.63 |
| 4.25 |

Find the change from a £10 note after paying this bill. £1.37
- 
 - a What fraction of the area of the circle is the shaded sector? a $\frac{1}{8}$
 - b If the circumference of the circle measures 471mm, find to the nearest millimetre the length of the arc AB. 59mm

A	Answer
1 2 tonnes - 850kg = <input type="text"/> t	1.15t
2 Round 4546000 to the nearest hundred thousand.	4500000
3 $\frac{1}{2} + \frac{\quad}{\quad} = \frac{11}{12}$	$\frac{5}{12}$
4 $68p + 27p + £1.16 = £\quad$	£2.11
5 $275\text{mm} \times 6 = \quad \text{m}$	1.65m
6 $44p \times 9 = £\quad$	£3.96
7 1kg costs 70p. Find the cost of 600g.	42p
8 $12 \times 5 \times 20 = \quad$	1200
9 $33\frac{1}{3}\%$ of £51 =	£17.00
10 $£13.00 - £\quad = £8.36$	£4.64
11 $5.0 \times 0.5 = \quad$	2.5
12 $\frac{£4.02}{7} = \quad \text{p r } \quad \text{p}$	57p r 3p

B	Answer
1 How many hundredths more than $\frac{1}{4}$ is 0.31?	6 hundredths
2 How many litres and millilitres in $\frac{3}{8}$ of 10l?	3l 750ml
3 $3 \times 3 = 3^2 = 9$ $\sqrt{9} = 3$ Find $\sqrt{25}$.	5
4 40 waffles cost £22. Find the cost of eight waffles.	£4.40
5 Find the sum of the prime numbers between 60 and 70.	128
6 How much is 150% of £3.50?	£5.25
7 How many times is 125ml contained in a 0.5l b 2.75l?	a 4 b 22
8 $\begin{array}{r} 4\ 5\ 8\ 3 \\ - 2\ 6\ 9\ 4 \\ \hline 1\ 8\ 8\ 9 \end{array}$ Use the example to find a $2694 + 1889$ b $4583 - 1889$	a 4583 b 2694
9 The perimeter of a rectangle is 54cm. The breadth is half that of the length. Find a the length b the breadth.	a 18cm b 9cm
10 What number when multiplied by 6 has a product of 39.6?	6.6
11 Write the coordinates of the point (3, 5) when reflected in the y-axis.	(-3, 5)
12 How many centimetres less than 8m is the total of twenty 36cm lengths?	80cm

C

Answer

1

23:57
23:58
23:59
a
b

 These are five consecutive readings at one minute intervals on a 24-hour digital clock. Write the next two readings on the clock.

a 00:00
b 00:01

2 The mass of three-quarters of a cake is $4\frac{1}{2}$ kg. What is the mass of half of the cake?

3 kg

3 A room is 5m long and 4m wide. It has a volume of 60m^3 . How high is the room?

3m

4 $\frac{1}{4}$ million people visited an art gallery in one week. This number increased by 1% the following week. What was the increased number of visitors?

252 500

5 After saving a regular amount each month for one year Sita had a total of £18. How much had she saved after a 3 months b 10 months?


a £4.50
b £15.00

6 Syed was absent from school 20 times out of a possible attendance of 400. Write as a percentage the number of times he was a absent b present.

a 5%
b 95%

7

Broughton depart	Carnley arrive
15:48	16:28

 The distance from Broughton to Carnley is 90km. Find the average speed of the train in kilometres per hour.

135km/h

8 The attendances at four music festivals were 29 758, 25 495, 24 086 and 19 810. Round each number to the nearest thousand and find the approximate total attendance.


99 000


9 Five melons of equal value cost £5.40. Find the value of three of the melons.

£3.24

10 What is the distance from Ash to Rost a in metres b in kilometres?

a 2400m
b 2.4km



11  Find the circumference of the circle to the nearest centimetre. ($C = 2\pi r$; $\pi = 3.14$).

6cm

12 1cm on a map represents an actual distance of 600m. What is the scale of the map?

1:60 000