

Section 2 Test 8


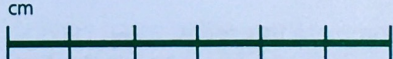
A ANSWER

- 1 $400 + 20 + 6$ 426
- 2 $£0.72 =$ 72p pennies
- 3 $30 \div 6$ 5
- 4 $5 \times 3 \times 0$ 0
- 5 $1 \text{ m } 38 \text{ cm} =$ 138 \text{ cm} cm
- 6 $97 - 50$ 47
- 7 $13 \text{ quarters} =$ $3\frac{1}{4}$
- 8 $4p +$ p = 1 TWENTY 16p
- 9 $100 - 20$ 80
- 10 $20 \div 3 = 6 \text{ rem.}$ 2

B ANSWER

- 1 How many tens are there in 380? 38
- 2 What number is 1 more than 499? 500
- 3 By how many cm is 1 m 55 cm longer than 1 metre? 55 \text{ cm}
- 4 How many TWOS are worth 1 FIFTY? 25
- 5 Share 9 FIVES equally among 5 girls. How many pennies each? 9p
- 6 $£1.00 =$ 5 TWENTIES
- 7 How many minutes from 11.40 a.m. until dinner time at half past 12? 50 \text{ min}
- 8 $1\frac{1}{2} =$ 15 tenths
- 9 What is the value of the 5 in the number 542? 500
- 10 Complete this series. 133, 123, 113, 103, 93

C ANSWER

- 1 A TV programme begins at 5.40 p.m. and lasts for 25 minutes. At what time does it finish? 6.05 \text{ p.m.}
- 2 Rearrange the figures 6, 9, 8 to make the largest possible number. 986
- 3  What fraction of this shape is shaded? $\frac{4}{5}$
- 4 Write as £s this sum of money. £3 and 27p £3.27
- 5 A piece of wood is 18 cm shorter than 1 m. How long is the piece of wood? 82 \text{ cm}
- 6 On a trip Ellie pays half fare which is £8. How much is the total fare for mother and Ellie? £24
- 7 Sam's date of birth is 3.9.'99 Megan is 6 years older than Sam. In which year was she born? 1993
- 8 Tom bought a toy for 68p. How much change did he receive from £1? 32p
- 9 $\frac{1}{3}$ of a sum of money is 12p. How much is $\frac{2}{3}$ of the money? 24p
- 10  cm
Each cm on this line stands for 8 m. What length in m does the line stand for? 48 \text{ m}

Turn back to page 16 and work for the third time Progress Test 1.

Enter the result and the date on the chart.

Section 2 Test 9

A ANSWER

1 $9 \text{ cm} \times 100 = \square \text{ m}$ 9 m

2 $\square + 150 = 1000$ 850

3 1 metre costs 40p.
8 metres cost £ \square . £3.20

4 1 FIFTY - 17p = \square p 33p

5 $998 + 20$ 1018

6 $9\text{p} + 61\text{p} + 8\text{p} = \text{£} \square$ £0.78

7 How many minutes from 10.35 a.m. to 11.05 a.m.? 30 min

8 Write the missing numbers in this series.
250, 500, 750, \square , \square 1000 1250

9 $78 \div 9 = \square \text{ rem. } \square$ 8 rem. 6

10 (a) $\frac{1}{8}$ of 56 (b) $\frac{5}{8}$ of 56 (a) 7 (b) 35

B ANSWER

1 How many TENS equal £3.40? 34 TENS

2 Find the total of £1.35 and £0.70. £2.05

3 $1\frac{1}{2}$ metres divided by 5 30 cm

4 Write £4.75 to the nearest £. £5.00

5 One sixth of a number is 7. What is the number? 42

6 How much change from £2 after spending £1.33? £0.67

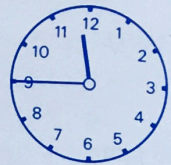
7 By how many is 1250 greater than 300? 950

8 Find the total of $\frac{1}{2}$ litre and 550 ml. 1 l 50 ml

9 Add 6 to the product of 3 and 9. 33

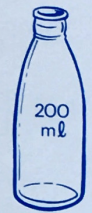
10 $(8 \div 8)$ plus (0×6) plus $(5 - 0)$ 6

C ANSWER

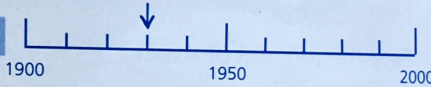
1  Through how many right angles has the minute hand turned since 11 o'clock? 3

2 John has 28p and Tony has half as much as John. How much have they altogether? 42p

3 How many months are there in 2 years? 24

4  How many bottles like this can be filled from a can containing 2 litres? 10

5 Terry bought 3 cards costing 24p each. Find the change from £1. 28p

6  The arrow shows the year in which Grandfather Jones was born. How old will he be in the year 2000? 70

7 What must be added to the sum of 2 TWENTIES and 9 FIVES to make £1? 15p

8 $\begin{array}{r} \cdot 7 \text{ rem. } 4 \\ 8 \overline{)x} \end{array}$ What is the value of x? 60

9 Jamil had 480 cards. He tied them in bundles of 50. How many cards were left over? 30

10 Six sweets cost 8p. How many can be bought for 40p? 30

A**ANSWER**

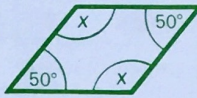
- 1 $500 \text{ g} \times 10 =$ kg 5 kg
- 2 $(36 - 7) - (32 - 8)$ 5
- 3 $1000\text{p} =$ £ £ 10
- 4 $£ \quad + 62\text{p} =$ £3.00 £ 2.38
- 5 $9 \overline{) \quad}$ 6 rem. 2 Find x. 56
- 6 Write 243 hundredths as a decimal. 2.43
- 7 $(10 \times 5) - (4 \times 7)$ 22
- 8 $\frac{1}{10}$ of 1 min = s 6 s
- 9 $\frac{5}{8}$ of 64 km 40 km
- 10 10 articles cost 19p.
100 articles cost £ £ 1.90
- 11 $612 \div y = 6$. Find y. 102
- 12 $9989 + 12$ 10 001

B**ANSWER**

- 1 Write 41p as
(a) a vulgar fraction of £1 (a) £ $\frac{41}{100}$
(b) a decimal fraction of £1. (b) £ 0.41
- 2 Make each of these numbers 10 times smaller. (a) 29 (a) 2.9
(b) 1.7 (b) 0.17
- 3 Write in 24-hour clock time quarter to five in the afternoon. 16.45
- 4 How much more than a FIFTY is the sum of 8p, 18p and 28p? 4p
- 5 Subtract 9 from the total of 53 and 47. 91
- 6 $\frac{3}{8}$ of a number is 9.
What is the number? 24
- 7 Write these fractions in their lowest terms. (a) $\frac{25}{100}$ (b) $\frac{15}{20}$ (a) $\frac{1}{4}$ (b) $\frac{3}{4}$
- 8 What is the change from £5 after spending £1.36 and £2.40? £ 1.24
- 9 If 10 models cost £5.20,
what will be the cost of (a) 1 (a) 52p
(b) 7? (b) £ 3.64
- 10 $\frac{1}{5} = \frac{x}{100}$ $\frac{3}{5} = \frac{y}{100}$
Find the value of x and y. x 20
y 60
- 11 1 £ costs 60p.
Find the cost of $5\frac{1}{4}$ £. £ 3.15
- 12 If wool costs 80p for 50 g,
what is the cost of $\frac{1}{2}$ kg? £ 8.00

C**ANSWER**

- 1 Find the total of 3.8 m and 0.5 m
(a) in cm (a) 430 cm
(b) in mm. (b) 4300 mm

2

The four angles of any quadrilateral together equal 360° .
Find in degrees the size of the angles marked x. 130°

3

Nadeen saved a FIFTY each week for a whole year.
How much did she save altogether? £ 26

4

M1
LONDON
75 km

If a tanker travels at a steady speed of 50 km/h how long will it take to reach London? $1\frac{1}{2}$ h

5

5.5 0.2 0.55 0.02

Which of these decimals is equal to (a) $\frac{55}{100}$ (b) $\frac{2}{100}$? (a) 0.55 (b) 0.02

6

Name the three coins given in change from £4 after spending £3.77. 20p 2p 1p

7

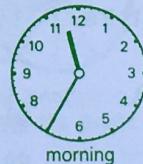
What remains from a 10-metre length of cloth after using 3.3 m and 2.8 m? 3.9 m

8

Each side of this shape is 0.7 cm long. Find the perimeter of the shape in cm. 7 cm

9

After spending 49p and £1.36 Amy has 15p left.
How much had she at first? £ 2.00

10

What time will be shown on the clock after 47 min?
Use a.m. or p.m. 12.22 p.m.

11

Find the difference between $\frac{1}{10}$ of 7000 and $\frac{1}{100}$ of 7000. 630

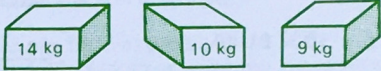


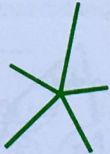
12

A school outing will cost Ryan £10.80. He has made 8 weekly payments of £1.20.
How much has he yet to pay? £ 1.20

Section 3 Test 2

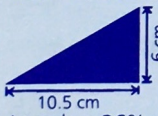

A		ANSWER
1	$8 + 7000 + \square = 7808$	<u>800</u>
2	$£6.00 - £1.95 = £\square$	<u>£ 4.05</u>
3	46×6	<u>276</u>
4	$7 \overline{) 749}$ Find the value of x .	<u>107</u>
5	$85p + \square p = £1.15$	<u>30p</u>
6	$5 \text{ kg } 60 \text{ g} = \square \text{ g}$	<u>5060 g</u>
7	$7 \text{ cm} - 1.5 \text{ cm} = \square \text{ mm}$	<u>55 mm</u>
8	$£9.00 \div 100 = \square p$	<u>9p</u>
9	$2.75 \text{ m} = \square \text{ m } \square \text{ cm}$	<u>2 m 75 cm</u>
10	$\frac{4}{5}$ of 35 kg	<u>28 kg</u>
11	$200 \text{ min} = \square \text{ h } \square \text{ min}$	<u>3 h 20 min</u>
12	$\frac{1}{4} \text{ kg} + 130 \text{ g} + \square \text{ g} = \frac{1}{2} \text{ kg}$	<u>120 g</u>

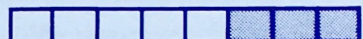
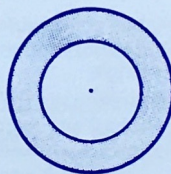
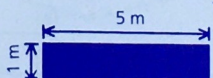
B		ANSWER						
1	Divide the sum of 53 and 65 by 2.	<u>59</u>						
2	The change from £2.00 was 43p. How much had been spent?	<u>£ 1.57</u>						
3	Find the product of 8 and 8.	<u>64</u>						
4	10 gift cards cost £1.20. Find the cost of 1 card.	<u>12p</u>						
5	Write the next two numbers of this series. <table border="1" style="display: inline-table; margin: 5px;"><tr><td>0.2</td><td>0.4</td><td>0.6</td><td>0.8</td><td>□</td><td>□</td></tr></table>	0.2	0.4	0.6	0.8	□	□	<u>1.0, 1.2</u>
0.2	0.4	0.6	0.8	□	□			
6	From 360° subtract the sum of two right angles.	<u>180°</u>						
7	How many km and m are equal to 1560 m?	<u>1 km 560 m</u>						
8	Write $9\frac{3}{8}$ to the nearest whole number.	<u>9</u>						
9	Change to 12-hour clock times. Use a.m. or p.m. (a) 15.45 (a) <u>3.45 p.m.</u> (b) 00.15 (b) <u>12.15 a.m.</u>							
10	How many whole ones are equal to 36 quarters?	<u>9</u>						
11	How many tens have the same value as 5010?	<u>501</u>						
12	The sum of two numbers is 17. The difference between them is 1. What are the two numbers?	<u>8 9</u>						

C		ANSWER
1	Find the change from £5 after spending £1.33 and £2.57.	<u>£ 1.10</u>
2	A car travelled 240 km in 3 hours. What was the average speed in km/h?	<u>80 km/h</u>
3	 Find the average mass of the three boxes.	<u>11 kg</u>
4	Grapes cost £3.60 per kg. What is the cost of 2 kg 500 g?	<u>£ 9.00</u>
5	By counting the small squares find the two shapes which are equal in area. Name the two shapes.  <u>rectangle triangle</u>	
6	Josh had 150 stamps. He put 15 stamps on each of 8 pages in his album. How many stamps had he left?	<u>30</u>
7	 This clock is 15 minutes fast. Write the correct time in figures using a.m. or p.m. <u>9.53 a.m.</u> morning	
8	A pack of 4 tins of ham can be bought for £5.12. Find the cost of 1 tin. <u>£ 1.28</u>	
9	At a football match there were 12 498 spectators. Write the number of spectators (a) to the nearest hundred <u>(a) 12 500</u> (b) to the nearest thousand. <u>(b) 12 000</u>	
10	 These angles are equal. (a) How many right angles are equal to the sum of the five angles? <u>(a) 4</u> (b) How many degrees are there in each of the five angles? <u>(b) 72°</u>	
11	Share 80p between Ali and Katie so that Ali has 20p more than Katie. <u>Ali 50p Katie 30p</u>	
12	There were 2.5 l of milk for 4 children. 100 ml were spilt and the remainder was divided equally. What was one share? <u>600 ml</u>	

Section 2 Test 8

A		ANSWER
1	$50\,000 = 500 \times \square$	100
2	$(27 \div 3) = (\square \div 7)$	63
3	(a) $\frac{1}{2} = \square$ out of 100	(a) 50
	$\frac{1}{2} = \square$ %	50%
3	(b) $\frac{1}{4} = \square$ out of 100	(b) 25
	$\frac{1}{4} = \square$ %	25%
4	$1\frac{1}{2} - \frac{7}{10}$	$\frac{8}{10}$ or $\frac{4}{5}$
5	$5\frac{1}{2}$ min = \square s	330 s
6	$18.3 + 18.3 + 18.3 + 18.3 + 18.3$	91.5
7	$\pounds 0.19 \times 6$	£ 1.14
8	$\frac{17}{20} = \frac{\square}{100} = \square$ %	$\frac{85}{100} = 85\%$
9	$4.385 - 4.325$	0.06
10	$\frac{2}{3}$ of 75p	50p
11	$850\text{ g} \times 4 = \square$ kg	3.4 kg
12	$\pounds 4.20 = 6$ FIFTIES + \square TWENTIES	6 TWENTIES

B		ANSWER
1	Which of these numbers are multiples of 8? 36 48 60 72	48 72
2	Write as a percentage (a) $\frac{63}{100}$	(a) 63%
	(b) 0.07.	(b) 7%
3	What distance is travelled in 15 min at 72 km/h?	18 km
4	Find the cost of 750 g at 48p per kg.	36p
5	What must be added to $\pounds 4.74$ to make $\pounds 6.00$?	£ 1.26
6	Write in 24-hour clock time a quarter of an hour earlier than 23.10.	22.55
7	 Find the area of the right-angled triangle.	31.5 cm ²
8	In a class 36% of the children were boys. What percentage were girls?	64%
9	$360^\circ - (80^\circ + 75^\circ + 120^\circ) = \square^\circ$	85^\circ
10	Find to the nearest penny $\frac{1}{8}$ of 95p.	12p
11	Find the average of these volumes. 650 ml, 800 ml, 350 ml	600 ml
12	 What is the perimeter in cm of a regular hexagon each side of which measures 58 mm?	34.8 cm

C		ANSWER
1	Write these decimal fractions as percentages. (a) 0.3	(a) 30%
	(b) 0.07	(b) 7%
	(c) 0.84	(c) 84%
2	Leah had in her purse 3 FIFTIES, 2 TWENTIES and 2 FIVES. She spent $\pounds 1.17$. How much had she left?	83p
3	A girl wrote 7 tens instead of 7 tenths for an answer. By how much was her answer wrong?	69.3
4	What is the value of 1% of (a) $\pounds 1$	(a) 1p
	(b) 1 kg?	(b) 10 g
5	 The diagram represents a length of 100 m. Find the length represented by the shaded part.	37.5 m
6	Shahid spends 38% of his pocket money on bus fares and 24% on sweets. What percentage of his money remains?	38%
7	A penny has a mass of 3.56 g. Find the mass in kg of $\pounds 10$ of pennies.	3.560 kg
8	 The radius of the inner circle is 56 mm and the shaded ring is 16 mm wide. Find in cm the diameter of the outer circle.	14.4 cm
9	20 tins of sweetcorn were bought for $\pounds 10.80$ and sold at 60p per tin. Find the profit after selling all the tins.	£ 1.20
10	“Round off” each of these numbers to the nearest whole one. (a) $9\frac{7}{12}$	(a) 10
	(b) 100.06	(b) 100
	(c) 4.815	(c) 5
11	Tom received 2p each time Megan received 3p. How much did they each receive from a total of $\pounds 2.00$?	Tom 80p Megan $\pounds 1.20$
12	 How many tiles each 20 cm square are needed to cover the surface?	125

Turn back to page 16 and work for the third time Progress Test 1. Enter the result and the date on the chart.