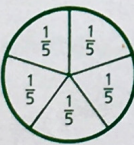


Section 2 Test 4

A ANSWER

- 1 14 pennies are worth TWOS 7
TWOS
- 2 5×6 30
- 3 $26 + 9$ 35
- 4 3 TENS = TWOS 15
- 5 $1 - \frac{3}{10}$ $\frac{7}{10}$
- 6 $6 \overline{)42}$ 7
- 7 $24 \text{ kg} - 7 \text{ kg}$ 17 kg
- 8 $50\text{p} - 36\text{p}$ 14p
- 9 $1\frac{1}{2}$ metres + 3 metres + $\frac{1}{2}$ metre 5m
- 10 $(3 \times 6) + 5$ 23

B ANSWER

- 1 How many threes in 24? 8
- 2 How many pennies are worth 2 FIFTIES? 100p
- 3 By how many cm is $\frac{1}{2}$ m longer than 33 cm? 17 cm
- 4 What number is 9 less than 22? 13
- 5 How many minutes in $1\frac{1}{2}$ hours? 90 min
- 6  The circle is a whole one. How many fifths in 3 whole ones? 15
- 7 $(0 \times 6) + 8$ 8
- 8 How many days in December? 31
- 9 Find the total of 4 times 7p and 2 times 7p. 42p
- 10 What is the remainder when 20 is divided by 3? 2

C ANSWER

- 1 Sophie's date of birth is 3.11.2001. Write the name of the month in which she was born. November
- 2 Write the correct sign $>$, $<$ or $=$ in place of \bullet .
 $5 \times 6 \bullet 6 \times 1 \times 5$ =
- 3 Jack received 14p change after spending 36p. Which coin did he give the shopkeeper? 50p
- 4 By how many cm is $\frac{1}{2}$ m greater than $\frac{1}{4}$ m? 25 cm
- 5 How many 5-litre cans can be filled from 45 litres of oil? 9
- 6 James spent 6p which was one tenth of his money. How much was all of his money? 60p
- 7 A bus departs at 4.45 p.m. and arrives at the first stop 20 minutes later. Write in figures its arrival time. 5.05 p.m.
- 8 A button costs 11p. What change is given from 1 TWENTY? 9p
- 9

7 kg	5 kg	11 kg
$9\frac{1}{2}$ kg	13 kg	

Which of these masses is nearest to 10 kg? $9\frac{1}{2}$ kg
- 10 The product of two numbers is 48. One of the numbers is 6. What is the other? 8

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

Section 2 Test 5

A

ANSWER

1 $4 + 40 + 400$

444

2 $840 = \square$ tens

tens
84

3 $18 \text{ cm} = \square$ mm

180 mm

4 Write the missing numbers in this series.

750, 800, 850, 900, \square , \square

950

1000

5 $\frac{3}{4}$ hour - 20 min = \square min

25 min

6 $(9 \times 0) + 3$

3

7 $2\frac{1}{2} \text{ kg} \times 7$

$17\frac{1}{2} \text{ kg}$

8 $\pounds 3 = \square$ TWENTIES

15
TWENTIES

9 (a) $\frac{1}{8}$ of 40 (b) $\frac{3}{8}$ of 40

(a) 5

(b) 15

10 $\pounds 1.50 \div 6 = \square$ p

25p

B

ANSWER

1 8 plus 8 plus 8 plus 8

32

2 Write 5 m 60 cm to the nearest metre.

6 m

3 Write the fifteenth of September 1977 in figures.

15 9 '77

4 Multiply 38p by 10.

$\pounds 3.80$

5 How many sevens in seven hundred?

100

6 $2\frac{1}{2}$ minus $1\frac{3}{4}$

$\frac{3}{4}$

7 How much change from a FIFTY after buying six 8p tickets?

2p

8 Add 15, 0 and 17.

32

9 Find the difference between 19 and 35.

16

10 Which number is 9 times larger than 7?

63

C

ANSWER

1



Which of these angles is an obtuse angle?

X

2 Find the cost of 150 cm of material at 80p a metre.

$\pounds 1.20$

3 John buys 4 biscuits at 9p each. How much change has he from a FIFTY?

14p

4 Peter's father is 36 years old. Peter is one quarter as old. How old will Peter be in 5 years time?

14

5 Samina had $\pounds 1$'s worth of FIVES and $\pounds 1$'s worth of TENS. How many coins had she altogether?

30

6 Tim is 90 cm tall. Jane is one and a half times his height. How tall is Jane?

135 cm

7 Andrew has $\pounds 1.50$. Pamela has 85p less than Andrew. How much has Pamela?

65p

8 What is the difference between 10 times 85 and 10 times 100?

150

9 $\frac{1}{3}$ of a number is 8. What is $\frac{1}{4}$ of the number?

6

10

a	44p
b	69p
c	58p

Which amount, a, b or c, can be paid exactly using some of these coins?



c

Section 2 Test 6

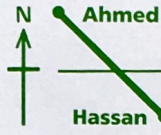
A ANSWER

- 1 $19.4 \text{ cm} = \quad \text{mm}$ 194 mm
- 2 $(18 + 7) - (6 + 6)$ 13
- 3 $(4 \times 1000) + (8 \times 100) + (9 \times 1)$ 4809
- 4 $£4.00 - £3.24$ 76p
- 5 Write 4 l 500 ml to the nearest l. 5 l
- 6 $£1.32 \div 6 = \quad \text{p}$ 22 p
- 7 Write $\frac{4}{5}$ as a decimal. 0.8
- 8 $\frac{1}{3} = \frac{a}{12} = \frac{b}{18}$ (a) $\frac{4}{12}$ (b) $\frac{6}{18}$
- 9 $120 \text{ g} + \quad \text{g} = \frac{1}{2} \text{ kg}$ 380 g
- 10 $9.3 \text{ cm} + 6.8 \text{ cm}$ 16.1 cm
- 11 $28 + 25 + \quad = 74$ 21
- 12 5 articles cost £1.10.
1 article costs p. 22p

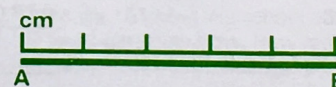
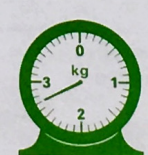
B ANSWER

- 1 Multiply 4.3 by 10. 43
- 2 18 cm divided by 10 = cm. 1.8 cm
- 3 Write in 24-hour clock time
(a) 8.00 a.m. (b) 8.00 p.m. (a) 08.00 (b) 20.00
- 4 $10 + 2999$ 3009
- 5 From £4 take the total of £1.40 and £1.65. 95p
- 6 3 batteries cost £2.25.
Find the cost of one battery. 75p
- 7 How many 50-cm lengths can be cut from 18 m? 36
- 8 What is the cost of 3 kg 100 g if 1 kg costs £1? £ 3.10
- 9 What is the difference in ml between 2 l 700 ml and 2580 ml? 120 ml
- 10 $\frac{9}{10}$ of a sum of money is £2.70.
Find the sum of money. £ 3.00
- 11 By how many is 8^2 greater than 7^2 ? 15
- 12 Share £6 equally among 8 children.
How much does each child receive? 75p

C ANSWER

- 1 **DERBY**
21 km If a man walks at a steady speed of 6 km/h, how long will it take him to walk to Derby? $3\frac{1}{2}$ h
- 2 $y \times 10 = 320$
What is the value of y? 32
- 3 Amy's father gave her 28p to make her money up to £3.15.
How much had Amy at first? £ 2.87
- 4  In which direction must
(a) Ahmed walk to reach Hassan (a) SE
(b) Hassan walk to reach Ahmed? (b) NW
- 5 1 m of ribbon costs £3.20. Find the cost of $1\frac{1}{4}$ m. £ 4.00
- 6 A 2p coin is 1.8 mm thick. Find the height in mm of a pile of
(a) 10 TWOS (a) 18 mm
(b) 100 TWOS. (b) 180 mm
- 7

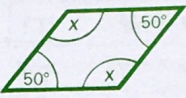


15	18	20	24	30
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Which of these numbers can be divided by 2, 3 and 5 without a remainder? 30
- 8 Megan received 3 TENS, a FIVE and a TWO in change from £1.
How much had she spent? 63p
- 9  0.5 m
The line AB is drawn to scale and represents a distance of 2.5 metres.
What length is represented by 1 cm?
- 10 Find the difference between $\frac{4}{5}$ of £30 and $\frac{5}{8}$ of £30. £ 1
- 11  The mass of three parcels is shown on the dial.
If they are of equal mass, write the mass in g of one parcel. 900 g
- 12 A computer game can be bought for £27 cash or by 20 weekly payments each of £1.50. By how much is the total of the weekly payments greater than the cash price? £ 3.00


Section 2 Test 10

A		ANSWER
1	$500\text{ g} \times 10 =$ kg	5 kg
2	$(36 - 7) - (32 - 8)$	5
3	$1000\text{p} =$ £ 	£ 10
4	£ + $62\text{p} =$ £3.00	£ 2.38
5	$\begin{array}{r} 6 \text{ rem. } 2 \\ 9 \overline{)x} \end{array}$ 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 (b) a decimal fraction of £1.	(a) £ $\frac{41}{100}$ (b) £ 0.41
2	Make each of these numbers 10 times smaller. (a) 29 (b) 1.7	(a) 2.9 (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 (b) 7?	(a) 52p (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 ℓ costs 60p. Find the cost of $5\frac{1}{4}$ ℓ.	£ 3.15
12	If wool costs 80p for 50 g, what is the cost of $\frac{1}{2}$ kg?	£ 8.00



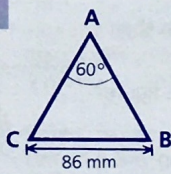
C		ANSWER
1	Find the total of 3.8 m and 0.5 m (a) in cm (b) in mm.	(a) 430 cm (b) 4300 mm
2	 The four angles of any quadrilateral together equal 360° . Find in degrees the size of the angles marked x.	130°
3	Nadeen saved a FIFTY each week for a whole year. How much did she save altogether?	£ 26
4	<div style="border: 1px solid black; padding: 5px; display: inline-block; text-align: center;">M1 LONDON 75 km</div> If a tanker travels at a steady speed of 50 km/h how long will it take to reach London?	$\frac{1}{2}$ h
5	<div style="border: 1px solid black; padding: 5px; display: inline-block;">5.5 0.2 0.55 0.02</div> Which of these decimals is equal to (a) $\frac{55}{100}$ (b) $\frac{55}{1000}$? (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	 morning 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

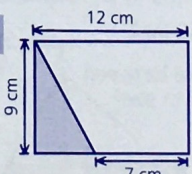
Section 2 Test 4

A	ANSWER
1 $\frac{1}{4}$ of ten thousand	2500
2 $6 \times 0 \times 9 \times 3$	0
3 $0.9 + 2.145$	3.045
4 $96p \times 6$	£ 5.76
5 $1632 \div 4$	408
6 $£5.00 - 8 \text{ FIVES} = £$ 	£ 4.60
7 $\frac{35}{100} = \frac{\square}{20}$	$\frac{7}{20}$
8 $400 \text{ g} + \square \text{ g} = 0.75 \text{ kg}$	350 g
9 $2 \text{ h } 25 \text{ min} + 50 \text{ min}$	3 h 15 min
10 $3.5 \text{ km} - 2900 \text{ m} = \square \text{ m}$	600 m
11 $£0.77 = 6 \text{ TWOS} + \square \text{ FIVES}$	13 FIVES
12  Angle $x = \square^\circ$ Angle $y = \square^\circ$	82° 98°

B	ANSWER
1 Find the product of 0.4 and 9.	3.6
2 What is the answer in g when 24.5 kg is divided by 100?	245 g
3 From 50 take 0.01.	49.99
4 How many days are there between Christmas Day and New Year's Day?	6
5 Find the total of 6 TWENTIES and 7 TENS.	£ 1.90
6 Write 0.05 as a fraction in its lowest terms.	$\frac{1}{20}$
7 Which of these numbers will divide into 81 without a remainder? 2 3 5 6 9	3 9
8 Find the cost of 3.5 litres at 26p per $\frac{1}{2}$ litre.	£ 1.82
9 Which of these decimal fractions is equal to $\frac{3}{4}$? 0.7 0.65 0.75	0.75
10 The diameter of a circle is 15.6 cm. Find its radius in mm.	78 mm
11 $5.4 \div 6 = 0.9$ Write the answer to (a) $0.54 \div 6$ (a) 0.09 (b) $0.054 \div 6$ (b) 0.009	0.09 0.009
12 Two angles in a triangle added together make 124° . Find the third angle.	56°

C	ANSWER
1 Find the number which is equal to $(9 \times 10^2) + 6$.	906
2 How many 4p sweets can be bought for £6.00?	150
3 Find in m the length of ribbon required to make 200 pieces each 8.3 cm long.	16.6 m
4 What fraction in its lowest terms is equal to (a) 0.6 (b) 0.16? (a) $\frac{3}{5}$ (b) $\frac{4}{25}$	$\frac{3}{5}$ $\frac{4}{25}$
5 Midday Celsius temperatures on three consecutive days are 17° , 15° and 19° . Find the average temperature.	17°
6 1 litre of water has a mass of 1 kg. Find the volume in litres of the water in a bottle if the water has a mass of 780 g.	0.780 l
7 An article priced at £4.20 was sold in a sale at a reduction of $\frac{1}{3}$. Find the sale price.	£ 2.80

8 	
On the chart each pin person  represents 50 people employed in a factory. How many work in the factory?	850
9 Jack found the mass of 10 screws to be 95 g. Find the mass in kg of 100 screws.	0.950 kg
10  ABC is an equilateral triangle. Find (a) its perimeter in cm (b) the size of the angles at B and C.	25.8 cm 60°

11 Yasmin went shopping with a £5 note in her purse. She had left 2 FIFTIES, 1 TEN and 6 TWOS. How much had she spent?	£ 3.78
12  Find the area of (a) the rectangle (b) the triangle.	108 cm ² 22 $\frac{1}{2}$ cm ²

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

Enter the result and the date on the chart.