


Section 2 Test 5

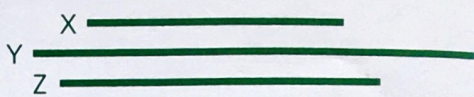
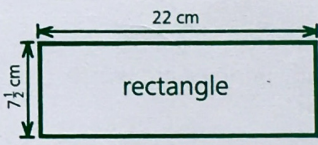
A ANSWER

- 1 $70 = \square$ tens 7
- 2 Write in figures three hundred. 300
- 3 $200 + 500$ 700
- 4 $700 - 400$ 300
- 5 $13p + 18p$ 31p
- 6 $\frac{1}{10}$ of a FIFTY 5p
- 7 $25p - 9p$ 16p
- 8 $(6 \times 6) + 5$ 41
- 9 $7 = 28 \div \square$ 4
- 10 $16 + 5 - 9$ 12

B ANSWER

- 1 Write the missing number in this series.
300, 400, 500, \square , 700 600
- 2 Find the total of $30p + 6p + 4p + 10p$. 50p
- 3 What number is 11 more than 59? 70
- 4 How many cm in 3 m? 300 cm
- 5 How many hours from 10 a.m. to 2 p.m.? 4 h
- 6  What fraction of this whole one is shaded? $\frac{1}{3}$
- 7 By how much is 22p less than 3 TENS? 8p
- 8 $6 + 6 + 6 + 6 + 6 + 6 + 6 = \square \times 6$
 $\square = \square$ 7
42
- 9 How many quarters in $2\frac{1}{2}$? 10
- 10 Find the difference between 30 and the sum of 19 and 7. 4

C ANSWER

- 1  Estimate which of the lines X, Y or Z measures 7 cm. Y
- 2 £1.00 = 100p. How many pennies are worth £5.00? 500p
- 3 What is the date 4 days after 29th December? 2nd January
- 4 Of 35 marbles, one fifth are blue and the rest red. How many are red? 28
- 5 How many 6p badges can be bought for 2 TWENTIES, 1 TEN and 4 pennies? 9
- 6  By how many cm is the length of the rectangle greater than the width? $14\frac{1}{2}$ cm
- 7 What number when divided by 3 gives 8 for the answer? 24
- 8 What fraction of these beads is white?
● ○ ● ● ● ● ● ○ ● $\frac{1}{4}$ or $\frac{2}{8}$
- 9 How much is needed to give 7 girls 6p each? 42p
- 10 $\frac{1}{2}$ kg costs 14p. Find the cost of $1\frac{1}{2}$ kg. 42p

Section 2 Test 6

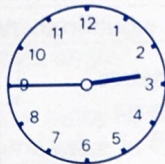
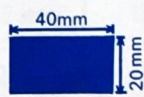
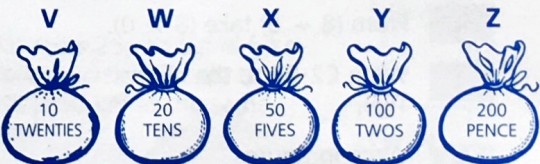
A ANSWER

- 1 Write the missing numbers in this series.
2150, 2100, 2050, , 2000 1950
- 2 $150 + 200 + \square = 600$ 250
- 3 $259 = \square \text{ tens} + 9$ tens
25
- 4 $£5.00 - £2.40$ £2.60
- 5 $£4.16 \div 4$ £1.04
- 6 $(8 \times 6) + 5$ 53
- 7 $£0.15 + £0.09 + £0.26 = \square \text{ p}$ 50p
- 8 $\frac{1}{2} \text{ kg}$ costs 10p. Find the cost of 5 kg. £1.00
- 9 $(8 \times 9) = 7 \text{ tens} + \square \text{ units}$ 2
- 10 $\frac{3}{4}$ of 24p 18p

B ANSWER


- 1 How many sixes are equal to 42? 7
- 2 $4p \times 8 = 3 \text{ TENS} + \square \text{ p}$ 2p
- 3 $880 \text{ g} + 200 \text{ g} = 1 \text{ kg} + \square \text{ g}$ 80 \text{ g}
- 4 Divide $£3.00$ by 10. 30p
- 5 What is the total of 13, 14 and 15? 42
- 6 How many pennies have the same value as $£4.56$? 456p
- 7 Subtract 150 grams from $\frac{1}{2}$ kilogram. 350 \text{ g}
- 8 How many times smaller is 54 than 540? 10
- 9 Decrease $1\frac{1}{2}$ metres by 80 cm. 70 \text{ cm}
- 10 1 kg costs 50p. $3\frac{1}{2}$ kg cost $£ \square$. £1.75

C ANSWER

- 1 How much more is $18p + 17p$ than $2 \times 15p$? 5p
- 2  The clock is 20 minutes slow. Write the correct time in figures using a.m. or p.m. 3.05 p.m.
- 3 $x \overline{)72}$ What does x stand for? 12
- 4  What is the distance round this rectangle? 120 \text{ mm}
- 5 Find the change from $£3$ after spending $£1.40$ and 80p. £0.80
- 6 There are 150 children in a school. Two thirds of the children have school meals. How many children is that? 100
- 7  Which bag contains the most money? X
- 8 1 kg costs 80p. What is the cost of (a) $\frac{1}{4}$ kg (b) $\frac{3}{4}$ kg? (a) 20p (b) 60p
- 9 If Christmas Day falls on a Sunday, on which day will New Year's Day fall? Sunday
- 10 Beads are 10 for 30p. How much will 100 beads cost? £3.00

Section 2 Test 7

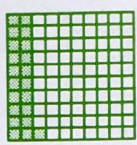
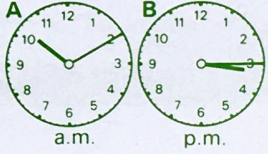

A ANSWER

- 1  Write as a decimal the number shown on the abacus picture 12.31
- 2 $50 - (6 \times 7)$ 8
- 3 $(19 + 8) - (6 + 7)$ 14
- 4 $£1.09 + 68p = £$ £ 1.77
- 5 Find $\frac{3}{4}$ of 28 kg. 21 kg
- 6 1 article costs 19p. 5 articles cost 95p
- 7 $33p + \square p = 2$ TWENTIES 7p
- 8 $1\frac{1}{4}$ kg - 700 g = 550 g
- 9 $£1.49 + £1.49 + £1.49$ £ 4.47
- 10 $68 \div 7 = \square$ rem. 9 rem. 5
- 11 $0.6 + 1.8 + 0.5$ 2.9
- 12 $0.1 \text{ m} = \square \text{ cm}$ 10 cm

B ANSWER

- 1 Write $\frac{6}{10} + \frac{8}{100}$ as a decimal fraction. 0.68
- 2 Multiply 6 by 47. 282
- 3 How many cm are there in 1.8 m? 180 cm
- 4 Change these 24-hour clock times to 12-hour clock times. Use a.m. or p.m.
(a) 06.00 (a) 6.00 a.m.
(b) 19.00 (b) 7.00 p.m.
- 5 Write 6 kg 650 g to the nearest $\frac{1}{2}$ kg. $6\frac{1}{2}$ kg
- 6 Subtract 0.03 from a whole one. Write the answer as a decimal fraction. 0.97
- 7 By how many mm is 10.0 cm greater than 7.9 cm? 21 mm
- 8 Find the cost of 12 sweets if 2 sweets cost 5p. 30p
- 9 Find the difference between 30 multiplied by 10 and 30 divided by 10. 297
- 10 By how many g is 5 times 250 g less than 2 kg? 750 g
- 11 $\frac{x}{y}$ 340.4 How many times larger is the 4 marked x than the 4 marked y? 100
- 12 How much greater is $\frac{7}{8}$ than $\frac{3}{4}$? $\frac{1}{8}$

C ANSWER

- 1  Write as a decimal fraction the part of the whole square which is
(a) shaded (a) 0.21
(b) unshaded. (b) 0.79
- 2 How much less than £6 is the sum of £1.85 and £3.45? 70p
- 3 If $4\frac{1}{2}$ m of string is divided into 25-cm lengths, how many lengths will there be? 18
- 4 How many hundredths are equal in value to
(a) 0.4 (a) 40 hundredths
(b) 0.9? (b) 90 hundredths
- 5 A motor cyclist travelled for $1\frac{1}{4}$ hours at a speed of 60 km/h. What distance did he travel? 75 km
- 6  Clock A shows the time Daniel left home and clock B shows the time he returned.
How many h and min was he away? 5 h 5 min
- 7 How many packets each with a mass of 100 g will together have a mass of $3\frac{1}{2}$ kg? 35
- 8 By how many twelfths is $\frac{3}{4}$ greater than $\frac{2}{3}$? $\frac{1}{12}$
- 9 Find the change from a £10 note after buying 6 toys costing £1.25 each. £ 2.50
- 10 Yasmin's father pays $\frac{4}{5}$ of the cost of a bicycle. Yasmin pays the remainder. The cost of the bicycle is £70. How much does each pay?
Yasmin £ 14
Father £ 56
- 11 200 g of meat costs 80p. Find the cost of $1\frac{1}{2}$ kg. £ 6.00
- 12  The circumference of this circle is approximately 11 cm and the diameter is 3.5 cm. How much longer is the perimeter of the square than the circumference of the circle? 3 cm

Section 2 Test 11

A

ANSWER

- | | | |
|-----------|--|--------------------------|
| 1 | £2.26 + £1.87 | £ 4.13 |
| 2 | 5.4 m = <input type="text"/> m + 140 cm | 4 m |
| 3 | $(35 + 7) \times (30 \div 6)$ | 25 |
| 4 | $3 \ell 300 \text{ ml} - \frac{1}{2} \ell =$ <input type="text"/> ℓ <input type="text"/> ml | 2 ℓ 800 ml |
| 5 | 135 min = <input type="text"/> h <input type="text"/> min | 2 h 15 min |
| 6 | $45\text{p} + 29\text{p} +$ <input type="text"/> $\text{p} =$ £1 | 26p |
| 7 | $(8 + 56) - (15 + 9)$ | 40 |
| 8 | $0.75 \text{ m} \times 100$ | 75 m |
| 9 | $(40 \div 8) \times 7$ | 35 |
| 10 | $2 \text{ kg } 750 \text{ g} + 900 \text{ g} =$ <input type="text"/> kg <input type="text"/> g | 3 kg 650 g |
| 11 | (a) $\frac{1}{4} \text{ km} =$ <input type="text"/> m | (a) 250 m |
| | (b) $\frac{3}{4} \text{ km} =$ <input type="text"/> m | (b) 750 m |
| 12 | Find $\frac{5}{8}$ of 30 ℓ . | 25 ℓ |

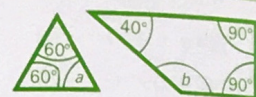
B

ANSWER

- | | | |
|-----------|--|------------|
| 1 | Find the product of 7 and 18. | 126 |
| 2 | Find the number which is 100 times smaller than (a) 240 | (a) 2.4 |
| | (b) 37. | (b) 0.37 |
| 3 | Write as cm (a) 3.25 m | (a) 325 cm |
| | (b) 4.06 m. | (b) 406 cm |
| 4 | How many grams more than $\frac{1}{2}$ kg is the sum of 280 g and 270 g? | 50 g |
| 5 | What must be added to 39 to make 57? | 18 |
| 6 | Decrease 43 by 16 and multiply the answer by 10. | 270 |
| 7 | From the sum of £1.17 and £1.33 subtract 60p. | £ 1.90 |
| 8 | Find the remainder when 113 is divided by 6. | 5 |
| 9 | Write as a decimal fraction of a kg (a) 500 g | (a) 0.5 kg |
| | (b) 100 g. | (b) 0.1 kg |
| 10 | 1 pencil costs 9p. Find the cost of 200 pencils. | £ 18.00 |
| 11 | What is the perimeter of a rectangle 7 metres long and $6\frac{1}{2}$ metres wide? | 27 m |
| 12 | How many newspapers each costing 40p can be bought for £8.00? | 20 |

C

ANSWER

- | | | |
|----------|---|--|
| 1 | Find in degrees the measurement of each of the angles <i>a</i> and <i>b</i> . | |
|----------|---|--|
- 
- | | | |
|----------|--|------|
| a | | 60° |
| b | | 140° |
- | | | |
|-----------|--|-------------------|
| 2 | How many TWOS have the same value as (a) 12 FIVES | (a) 30 |
| | (b) 3 FIFTIES? | (b) 75 |
| 3 | Write all the numbers between 48 and 68 which can be divided by 7 without a remainder. | 49 56 63 |
| 4 | 10 boxes have a mass of $1\frac{1}{2}$ kg. Find the mass in g of (a) 1 box | (a) 150 g |
| | (b) 5 boxes. | (b) 750 g |
| 5 | <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="margin-right: 10px;">Brotley</div> <div style="flex-grow: 1; border-bottom: 1px solid black; position: relative;"> <div style="position: absolute; left: -5px; top: -5px;">←</div> <div style="position: absolute; right: -5px; top: -5px;">→</div> <div style="position: absolute; bottom: -5px; left: 50%; transform: translate(-50%, 0);">45 km</div> </div> <div style="margin-left: 10px;">Carley</div> </div> <p>A cyclist started from Brotley at 11.30 a.m. and arrived at Carley at 2.30 p.m. If he travelled at the same rate, what was his speed in km/h?</p> | 15 km/h |
| 6 | Katie's mother gave her £1.45 to add to her savings and her father gave her £2.70. She then had £5. How much had she at first? | 85p |
| 7 | <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="border: 1px solid black; padding: 5px; margin-right: 10px;"> <p style="margin: 0;">BRONCO
RADIO'S
LIST PRICE £18</p> </div> <div> <p>Radios are reduced by 10p in the £ off the list price. What is the new price?</p> </div> </div> | £ 16.20 |
| 8 | There are 186 pages in a book. Tom read 64 pages and then 56 pages. How many more pages has he to read? | 66 |
| 9 | <div style="border: 1px solid black; padding: 5px; display: inline-block; margin-bottom: 5px;"> 10.0 1.04 1.96 1.11 0.99 </div> <p>Multiply the largest of these numbers by the smallest.</p> | 9.9 |
| 10 | In a class of 32 children $\frac{3}{8}$ of them are 10 years old, $\frac{1}{2}$ are 9 and the rest are 8 years old. | |
| | (a) What fraction of the children are 8? | (a) $\frac{1}{8}$ |
| | (b) How many children are 8? | (b) 4 |
| 11 | The circumference of a wheel is 1.85 m. Find in m the distance the wheel will travel in (a) 10 turns | (a) 18.5 m |
| | (b) 100 turns. | (b) 185 m |
| 12 | 3 kg of meat cost £18.00. Find the cost of (a) 500 g | (a) £ 3 |
| | (b) 750 g. | (b) £ 4.50 |

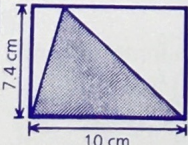
Turn back to page 16 and work for the fourth time Progress Test 1.

Enter the result and the date on the chart.

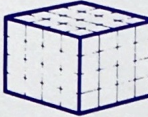
Section 2 Test 5

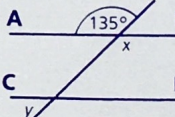
A	ANSWER
1	$20\ 000 = 20 \times 10 \times \square$ _____ 100
2	$0.817 = 8 \text{ tenths} + \square \text{ thousandths}$ _____ 17 thousandths
3	57×70 _____ 3990
4	$3.2 \text{ m} \div 8 = \square \text{ cm}$ _____ 40 cm
5	$24 - (18 \times 0)$ _____ 24
6	$\pounds 20.36 = \square \text{ TENS} + 6\text{p}$ _____ 203 TENS
7	$\frac{4}{5} - \frac{1}{2}$ _____ $\frac{3}{10}$
8	$65 \text{ ml} \times 100 = \square \text{ litres}$ _____ 6.5 l
9	$2.6 \text{ cm} + 3.9 \text{ cm} = \square \text{ mm}$ _____ 65 mm
10	$\pounds \square \times 9 = \pounds 40.50$ _____ $\pounds 4.50$
11	$1.5 \text{ kg} - 280 \text{ g} = \square \text{ g}$ _____ 1220 g
12	$6 \times 5 = 0.1 \times \square$ _____ 300

B	ANSWER
1	Write as a decimal 1035 thousandths. _____ 1.035
2	Approximate 59.7p to the nearest penny. _____ 60p
3	(a) $\frac{9}{10} = \frac{\square}{100}$ _____ (a) $\frac{90}{100}$ (b) Write the fraction as a decimal. (b) 0.9
4	Which two of these angles when added together make two right angles? $67^\circ, 103^\circ, 87^\circ, 113^\circ$ _____ $67^\circ 113^\circ$
5	How many times is 0.48 less than 480? _____ 1000
6	Find in mm the value of the figure underlined. $7.\underline{0}75 \text{ m}$ _____ 5 mm
7	$9 \text{ out of } 25 = \square \text{ out of } 100$. _____ 36
8	How much change out of a $\pounds 5$ note after spending $\pounds 1.46$? _____ $\pounds 3.54$
9	$\frac{1}{2} \text{ kg}$ of tomatoes costs 80p. Find the cost of 100 g. _____ 16p
10	What fraction of $\frac{1}{4} \text{ l}$ is 150 ml? _____ $\frac{3}{5}$
11	Which of these fractions is between one half and one quarter in size? $\frac{3}{5}, \frac{2}{3}, \frac{7}{10}, \frac{3}{8}$ _____ $\frac{3}{8}$

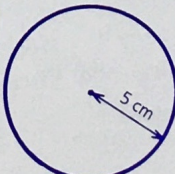
12  Find the area of
(a) the rectangle (a) 74 cm²
(b) the shaded triangle. (b) 37 cm²

C	ANSWER
1	How many bottles each holding $\frac{1}{4}$ litre can be filled from $7\frac{1}{2}$ litres? _____ 30
2	A packet of 100 sheets of paper costs $\pounds 2.30$. Find the cost of 150 sheets. _____ $\pounds 3.45$
3	Take the least of these decimal fractions from the greatest. 0.84 0.9 0.865 0.897 _____ 0.06
4	Josh swims 15 lengths of the bath which is 20 m long. How many m short of $\frac{1}{2} \text{ km}$ does he swim? _____ 200 m

5  The large cube is made from a number of centimetre cubes.
(a) How many cm cubes are there? (a) 64
(b) $4^3 = \square$ (b) 64

6	Ryan saved 60p which was $\frac{5}{8}$ of his pocket money. How much was all his pocket money? _____ 72p
7	2.8 kg of tea was put into 10 packets of equal mass. How many g were there in each packet? _____ 280 g
8	 AB and CD are parallel lines. Find (a) angle x (a) 135° (b) angle y. (b) 45°
9	The total cost of 2 full fares and 1 half fare was $\pounds 55$. Find (a) the full fare (a) $\pounds 22$ (b) the half fare. (b) $\pounds 11$
10	What is the area in m ² of a path which measures 29 m long and 50 cm wide? _____ $14\frac{1}{2} \text{ m}^2$

11 A distance of 9.875 km was written as '10 km to the nearest km'. By how many m was the approximation incorrect? _____ 125 m

12  The circumference of a circle is 3.14 times the diameter. Find the length of the circumference of this circle. _____ 31.4 cm