

Section 2 Test 6

A **ANSWER**

1 83p = TENS pennies 8
TENS 3
p

2 Write in figures four hundred and eighty. 480

3 $250 + 100$ 350

4 $720 - 100$ 620

5 One third of 27p 9p

6 $21 - 5 - 7$ 9

7 $30 - 3 = 40 - \square$ 13

8 $10 \times 2 = \square \times 4$ 5

9 6 TWOS + 3p = FIVES 3


10 $31 \div 4 = 7 \text{ rem. } \square$ 3

B **ANSWER**

1 How many times greater than 10 is 100? 10

2 Write the missing number in this series.
490, 590, 690, , 890 790

3 One tenth of a line measures $5\frac{1}{2}$ cm. Find the total length. 55 cm

4  Write this as a morning time.
Use a.m. or p.m. 8.50 a.m.

5 How many TENS in £1.00? 10

6 Find the difference between $\frac{3}{4}$ and 2. 1 $\frac{1}{4}$

7 How many metres in 600 cm? 6 m

8 Divide 27 into three equal parts. Find one part. 9

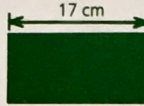
9 Find the total of 300, 150 and 500. 950

10 Multiply 8 by 5 and then add 3. 43

C **ANSWER**


1 A number minus 7 equals 19. What is the number? 26

2 By how many pennies is £1.38 more than £1.00? 38p

3  The rectangle is twice as long as it is wide. Find its width. 8 $\frac{1}{2}$ cm

4 Two coins together make £1.00. What are the coins? 50p 50p

5 What number when divided by 10 gives the answer 8 rem. 9? 89

6 Ali has these coins in his money box.
 How much has he altogether? 98p

7 How many days are there from 28th May to 4th June? (Do not count 28th May.) 7

8 A bucket, when a quarter full, holds $3\frac{1}{2}$ litres. How many litres will it hold when three-quarters full? 10 $\frac{1}{2}$ l


9 3 marbles cost 12p. How much is paid for 4 marbles? 16p

10 Which of these lengths is nearest to 60 cm?
 $\frac{1}{2}$ m, $62\frac{1}{2}$ cm, $58\frac{1}{2}$ cm, 66 cm 58 $\frac{1}{2}$ cm

Section 2 Test 7

A

ANSWER

1 Th H T U Write in words the number shown on the abacus picture.

 _____ two thousand four
 _____ hundred and two

2 390 mm = centimetres

3 25 + 78

4 2010 - 20

5 £1.25 + £2.80

6 $(7 \times 8) + 6$

7 $51 \div 9 =$ rem.

8 £0.12 \times 9

9 $35 + 29 = 8 \times$

10 1 kg costs 45p.
200 g cost p.

B

ANSWER

1 Write ten minutes to nine in the morning in figures. Use a.m. or p.m.

2 From $(8 + 0)$ take (8×0) .

3 Write £2.04 to the nearest TEN.

4 Write in figures one and three-quarters.

5 £5 equals TWENTIES.

6 What is the sum of 39, 11 and 15?

7 What fraction of 25 is 5?

8 24 plus 14, minus 8.

9 Write the number which is 7 times larger than 150.

10 Find (a) $\frac{1}{3}$ of 18p.
(b) $\frac{2}{3}$ of 18p.

C

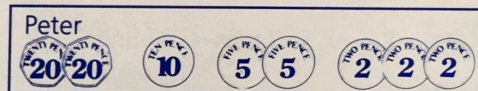
ANSWER

1 One side of a street is numbered in even numbers 2, 4, 6, 8... What number is the ninth house?

2 Find the difference between 3×10 and 3×100 .

3 What number, other than 1, divides exactly into both 14 and 35?

4 How many metres less than half a kilometre is 150 metres \times 3?

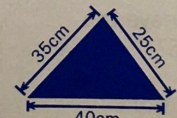
5 Peter


Susan


How much less has Peter than Susan?

6 Three numbers total 84. One number is 28 and another 12. What is the third number?

7 How many cards each costing 25p can be bought for £2.50p?

8  What is the total length of the sides of the triangle in mm?

9 How much change from £1 after buying 8 badges costing 9p each?

10 Write the missing signs +, -, \times or \div in place of \bullet and \blacktriangle .
 $4 \bullet 4 = 9 \blacktriangle 7$

Section 2 Test 8

A

ANSWER

- | | | |
|----|-----------------------------|-----------------------------------|
| 1 | $10.0 + 0.2 + 0.05$ | <u>10.25</u> |
| 2 | $£1.60 \div 4$ | <u>£ 0.40</u> |
| 3 | $0.47 =$ hundredths | <u>47 hundredths</u> |
| 4 | $(0 \times 9) + 8$ | <u>8</u> |
| 5 | $(42 - 5) + (21 - 4)$ | <u>54</u> |
| 6 | $250 + 350 + 400$ | <u>1000</u> |
| 7 | $\frac{1}{20} =$ hundredths | <u>$\frac{5}{100}$</u> |
| 8 | Find $\frac{2}{3}$ of 27. | <u>18</u> |
| 9 | $2\frac{1}{4}$ min = s | <u>135 s</u> |
| 10 | $£6.09 +$ = $£8.00$ | <u>£ 1.91</u> |
| 11 | $(81 \div 9) - (24 \div 3)$ | <u>1</u> |
| 12 | $10\ 000 - 100$ | <u>9900</u> |

B

ANSWER

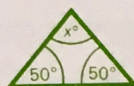
- | | | | | | | |
|----|--|---------------|---|---|---|--|
| 1 | Write the total of 20, $\frac{3}{10}$ and $\frac{9}{100}$ as a decimal. | <u>20.39</u> | | | | |
| 2 | Write in 24-hour clock times
(a) 3.57 a.m. <u>(a) 03.57</u>
(b) 2.20 p.m. <u>(b) 14.20</u> | | | | | |
| 3 | Write as a decimal the number which is 100 times smaller than 6. | <u>0.06</u> | | | | |
| 4 | Multiply the sum of 7 and 5 by 10. | <u>120</u> | | | | |
| 5 | From £2 take the total of 58p, 42p and 36p. | <u>64p</u> | | | | |
| 6 | Decrease 10 cm by 28 mm. Give the answer in cm. | <u>7.2 cm</u> | | | | |
| 7 | Write 3 l 800 ml to the nearest $\frac{1}{2}$ l. | <u>4 l</u> | | | | |
| 8 | How many cm in
(a) 3.6 m <u>(a) 360 cm</u>
(b) 2.25 m? <u>(b) 225 cm</u> | | | | | |
| 9 | Find the cost of 750 ml if $\frac{1}{2}$ l costs £0.74. | <u>£ 1.11</u> | | | | |
| 10 | Divide the product of 14 and 9 by 6. | <u>21</u> | | | | |
| 11 | <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>4</td><td>0</td><td>9</td><td>1</td></tr></table> Arrange these figures to make the largest possible odd number. <u>9401</u> | 4 | 0 | 9 | 1 | |
| 4 | 0 | 9 | 1 | | | |
| 12 | How many hundredths are there in
(a) $\frac{1}{2}$ <u>(a) $\frac{50}{100}$</u>
(b) $\frac{1}{4}$ <u>(b) $\frac{25}{100}$</u>
(c) $\frac{3}{4}$? <u>(c) $\frac{75}{100}$</u> | | | | | |

C

ANSWER

- 1 What decimal fraction of £1 is
(a) 10p (a) £ 0.1
(b) 1 p? (b) £ 0.01

2

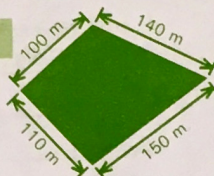


The sum of the three angles of a triangle is 180° . Find the size in degrees of the angle marked x . 80°

3

Mother bought a doll for £1.50 and a racing car for £1.99. How much change did she receive from a £5 note? £ 1.51

4

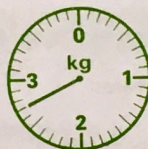


(a) Find in m the perimeter of the field. (a) 500 m
(b) How many times round the field is equal to 3 km? (b) 6

5

Mr Jones arrived at the station at 3.45 p.m. His train left at 16.20. How long had he to wait? 35 min

6



The dial shows the mass of a parcel in kg and g. How many g less than $3\frac{1}{2}$ kg is the mass of the parcel? 800 g

7

After spending one quarter of his money Ali had 54p left. How much had he at first? 72p

8

Find the total cost of 2 packets of crisps costing 35p each and 6 biscuits costing 10p each. £ 1.30

9

There are 163 boys in a school and there are 37 more girls than boys. How many children are there in the school altogether? 363

10

Put a decimal point in each of the numbers so that the value of the 8 is 8 units.
(a) 4386 (a) 438.6
(b) 2891 (b) 28.91

11

Katie has 17p and Emily has 25p. How much must Emily give Katie so that they each have the same amount? 4p

12

$\frac{3}{8}$ of a class of 24 children are girls.
(a) What fraction of the class are boys? (a) $\frac{5}{8}$
(b) How many boys are there? (b) 15

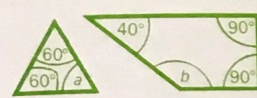
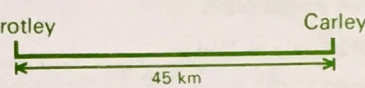
Turn back to page 16 and work for the third time Progress Test 1.

Enter the result and the date on the chart.

Section 2 Test 11

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

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

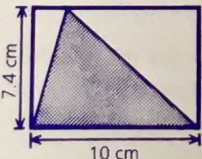
C		ANSWER
1	Find in degrees the measurement of each of the angles <i>a</i> and <i>b</i> . 	<u>a 60°</u> <u>b 140°</u>
2	How many TWOS have the same value as (a) 12 FIVES (b) 3 FIFTIES?	(a) <u>30</u> (b) <u>75</u>
3	Write all the numbers between 48 and 68 which can be divided by 7 without a remainder.	<u>49 56 63</u>
4	10 boxes have a mass of $1\frac{1}{2} \text{ kg}$. Find the mass in g of (a) 1 box (b) 5 boxes.	(a) <u>150 g</u> (b) <u>750 g</u>
5	Brotley Carley  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?	<u>15 km/h</u>
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?	<u>85p</u>
7	<div style="border: 1px solid black; padding: 5px; display: inline-block;">BRONCO RADIO'S LIST PRICE £18</div> Radios are reduced by 10p in the £ off the list price. What is the new price?	<u>£ 16.20</u>
8	There are 186 pages in a book. Tom read 64 pages and then 56 pages. How many more pages has he to read?	<u>66</u>
9	<div style="border: 1px solid black; padding: 5px; display: inline-block;">10.0 1.04 1.96 1.11 0.99</div> Multiply the largest of these numbers by the smallest.	<u>9.9</u>
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? (b) How many children are 8?	(a) <u>$\frac{1}{8}$</u> (b) <u>4</u>
11	The circumference of a wheel is 1.85 m. Find in m the distance the wheel will travel in (a) 10 turns (b) 100 turns.	(a) <u>18.5 m</u> (b) <u>185 m</u>
12	3 kg of meat cost £18.00. Find the cost of (a) 500 g (b) 750 g.	(a) <u>£ 3</u> (b) <u>£ 4.50</u>

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

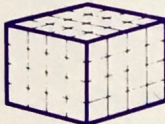
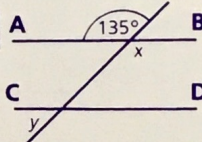
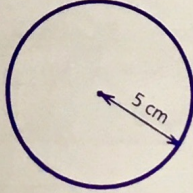
A**ANSWER**

- 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 $\pounds \square \times 9 = \pounds 40.50$ £ 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. $7.\underline{075} \text{ m}$ 5 mm
- 7 9 out of 25 = \square out of 100. 36
- 8 How much change out of a £5 note after spending £1.46? £ 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 cm^2
(b) the shaded triangle. (b) 37 cm^2

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 £2.30. Find the cost of 150 sheets. £ 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 $\frac{5}{6}$ 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 £55. Find
(a) the full fare (a) £ 22
(b) the half fare. (b) £ 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