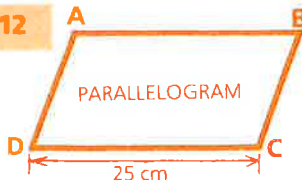




Section 1 Test 11

A		ANSWER
1	(a) $2^5 = 2 \times 2 \times 2 \times 2 \times 2 =$	(a) _____
	(b) $10^5 =$	(b) _____
2	5 FIVES + 7 TENS - 9 TWOS =	p _____ p
3	$(73 + 9) = 150 -$	_____
4	$10.085 \text{ km} =$ _____	_____ m
5	$\frac{y}{100} = 10.64$ Find the value of y .	_____
6	$6.358 = 63 \text{ tenths}$ + _____ thousandths	_____ thousandths
7	$550 \text{ g} \times 6 =$ _____	_____ kg
8	$\text{£}36.5 \div 10 = \text{£}$ _____	_____ £
9	$75^\circ + 65^\circ + 90^\circ +$ _____ $^\circ = 360^\circ$	_____ $^\circ$
10	$\frac{3}{10}$ of $0.3 \text{ m} =$ _____	_____ cm
11	8% of $\text{£}3.00$	_____ p
12	$17.2 \div 20$	_____

B		ANSWER
1	Write these improper fractions as mixed numbers. (a) $\frac{74}{5}$	(a) _____
	(b) $\frac{39}{7}$	(b) _____
2	Find in l the total of 830 ml, 360 ml and 170 ml.	_____ l
3	3.03 3.33 3.3 3.333	
	Of these numbers which is (a) the greatest	(a) _____
	(b) the smallest?	(b) _____
4	Increase $\text{£}370$ by 10%.	_____ £
5	Write as a fraction in its lowest terms (a) 15 mm of 15 cm	
	(b) 25 min of 1 h.	(a) _____ (b) _____
6	Find the difference between 0.394 and 0.4.	_____
7	Which of these numbers are multiples of both 5 and 8? 16, 25, 40, 64, 90, 120	_____
8	$\frac{3}{8}$ of a sum of money is 45p. Find $\frac{1}{2}$ of the sum of money.	_____ p
9	Find to the nearest cm one seventh of $6\frac{1}{4} \text{ m}$.	_____ cm
10	What sum of money is 200% of $\text{£}170$?	_____ £
11	Find the cost of 2.5 kg at 74p per 500 g.	_____ £
12	 <p>The perimeter of this parallelogram is 72 cm. Find the length of the sides AD and BC.</p>	_____ cm

C		ANSWER
1	By how many is $(10^3 + 16)$ greater than $(10^2 + 16)$?	_____
2	George's date of birth is 27th Nov. '04. How old will he be in years and months on 1st Sept. 2020	_____ years _____ months
3	Sophie received a gift of $\text{£}16$. She saved 90% of the money and spent the rest. (a) What percentage did she spend?	(a) _____ %
	(b) How much did she save?	(b) _____ £
4	 <p>Each of the equal angles in this isosceles triangle is twice the size of the third angle. Find the size of (a) the third angle</p> <p style="text-align: right;">(a) _____ $^\circ$</p> <p>(b) the equal angles at the base.</p> <p style="text-align: right;">(b) _____ $^\circ$</p>	
5	A line 10 cm long is drawn to represent a distance of 3 km. To what scale is the line drawn?	_____ cm to _____ m
6	<div style="border: 1px solid black; padding: 5px; display: inline-block; margin-right: 20px;"> POTATOES £1.40 for a 3-kg bag or 24p per $\frac{1}{2}$ kg </div> How much money is saved by buying 6 kg potatoes in bags?	_____ p
7	A rectangular plot of ground measures 19.7 m long and 13.4 m wide. 'Round off' each measurement to the nearest m and then find the approximate area of the plot.	_____
8	Which of these shapes have two axes of symmetry?	
		_____
9	There were three candidates A, B and C in an election. Of the total votes A polled $\frac{1}{4}$, B polled $\frac{1}{6}$ and C polled $\frac{1}{3}$. (a) Which candidate won the election?	(a) _____
	(b) What fraction of the electors did not vote?	(b) _____
10	The bottom of a rectangular tank measures 20 cm long and 10 cm wide. If 1 litre of water is poured into it, how deep is the water?	_____ cm
11	The price of a pen was increased from 30p to 36p. Find the increase as a percentage.	_____ %
12	Find the greatest number of circles each with a diameter of 10 cm which can be marked out on a rectangular sheet of card 60 cm by 50 cm.	_____