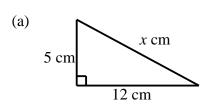
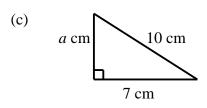
- 1. Evaluate, without a calculator:
 - (a) $1\frac{1}{3} + 1\frac{1}{4}$
- (b) $2\frac{1}{5} 1\frac{1}{2}$
- (c) $\frac{3}{5} + 2\frac{1}{4}$

- 2. Evaluate, without a calculator:
 - (a) 1.25×400
- (b) $16 \cdot 2 \div 200$
- (c) $16000 \div 320$
- 3. Find the length of the unknown side in each of the following triangles:





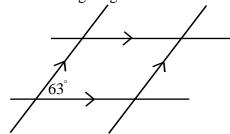
(d) 7.8 cm 2.9 cm b cm

- 4. A rectangle has length 8 cm and breadth 5 cm. Calculate the length of a diagonal, to one decimal place.
- 5. An equilateral triangle has sides of 12 cm.
 - (a) Calculate the length of its altitude.
 - (b) Hence calculate its area.
- 6. Evaluate:
 - (a) -7×-5
- (b) $-18 \div -9$
- (c) -9

(d) -9^2

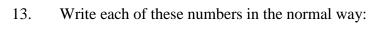
(e) -2

- (f) -1^{100}
- 7. Copy the following diagram and fill in the size of all remaining angles:



8. A car travels at an average speed of 48 km/hr for 3 hours 15 minutes. How far does it travel?

9.	£1400 is divided in the ratio 3:4. Calculate the larger share.							
10.	The diagram below shows a shape consisting of a rectangle and two half-circles. The rectangle has length 80 cm and breadth 40 cm.							
	(a) (b)	Calculate the area of Calculate the perimen	-	L				
11.	A cuboid has length 10 cm, breadth 6cm and height 4 cm. Calculate:							
	(a)	Its volume		(b)	Its total surf	ace area.		
12.	Write each of these numbers in standard form:							
	(a)	107 000 000	(b)	0.000	042	(c)	17×0.0003	



(a) 4.18×10^4 (b) 3×10^{-5} (c) 5.03×10^{-1}