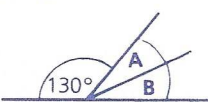
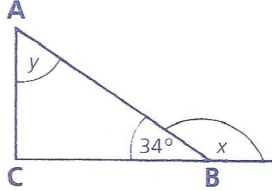


Section 2 Test 6

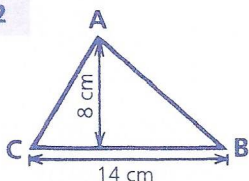
A	ANSWER
1	$1200 \div 30$ <u>40</u>
2	$7p + 5p + 8p + 25p$ <u>45p</u>
3	$(7 \times 9) - (8 + 5)$ <u>50</u>
4	$\frac{6}{25} = \frac{\quad}{100}$ <u>$\frac{24}{100}$</u>
5	$900 \text{ g} + 500 \text{ g} = \quad \text{kg}$ <u>1.4kg</u>
6	$4.908 = 4 + \frac{9}{10} + \frac{\quad}{1000}$ <u>$\frac{8}{1000}$</u>
7	$£0.86 - 19p = \quad p$ <u>67p</u>
8	$2 \text{ km} - 540 \text{ m} = \quad \text{m}$ <u>1460 m</u>
9	$9.92 + 0.02$ <u>9.94</u>
10	$250 \text{ ml} \times 6 = \quad \text{litres}$ <u>1.5 l</u>
11	$2 \text{ m } 80 \text{ cm} \div 4 = \quad \text{cm}$ <u>70 cm</u>
12	$180^\circ - (63^\circ + 57^\circ)$ <u>60°</u>

B	ANSWER
1	Write as a decimal the total of 200, $6\frac{7}{10}$ and $\frac{9}{1000}$. <u>206.709</u>
2	From the product of 7 and 9 take their sum. <u>47</u>
3	Write as a vulgar fraction in its lowest terms (a) 9 out of 30 (b) 24 out of 40. (a) <u>$\frac{3}{10}$</u> (b) <u>$\frac{3}{5}$</u>
4	How many days altogether are there in the months of April and May? <u>61</u>
5	Find in g the value of the figures underlined. <u>4.075 kg</u> <u>75 g</u>
6	What must be added to 9.405 to make 10? <u>0.595</u>
7	Change to decimal fractions (a) $\frac{27}{50}$ (a) <u>0.54</u> (b) $\frac{9}{20}$. (b) <u>0.45</u>
8	 If $\angle A = \angle B$ find the size of each angle. <u>25°</u>
9	Divide £2.75 by 10 and write the answer to the nearest penny. <u>28p</u>
10	Find the cost of 1.2 m of tape at 40p per m. <u>48p</u>
11	Take 6 thousandths from 8 point 4. <u>8.394</u>
12	Find in cm the perimeter of an equilateral triangle, the sides of which measure 27 mm. <u>8.1 cm</u>

C	ANSWER
1	By how many is 8^2 greater than 3^3 ? <u>37</u>
2	Approximate 25 948 (a) to the nearest 1000 (a) <u>26 000</u> (b) to the nearest 100. (b) <u>25 900</u>
3	Find the date which is 9 days after 26th September. <u>5th October</u>
4	How many TWENTIES are there in ten £10 bags of TWENTIES? <u>500</u>
5	What is the difference in ml between the largest and smallest of these quantities? $\frac{1}{2}$ litre, 450 ml, $\frac{3}{5}$ litre, 620 ml <u>170 ml</u>

6  ABC is a right-angled triangle. Find in degrees
(a) the angle marked x (a) 146°
(b) the angle marked y. (b) 56°

7	A length of plastic strip 54 cm long is cut into two pieces so that one is five times as long as the other. What is the length of each piece? <u>45 cm</u> <u>9 cm</u>
8	George spent £80 which was $\frac{2}{5}$ of his savings. Find the amount of his savings at first. <u>£ 200</u>
9	On a map, a line 3 cm long represents 150 km. Find the scale to which the map is drawn by completing 1 mm to <u>km</u> . <u>5 km</u>
10	A 5p coin has a mass of 3.25 g. Find in g the mass of 40 FIVES. <u>130 g</u>
11	A circular tin has a diameter of 6.4 cm. What is (a) the length, (b) the width of the smallest rectangular tray which would contain a single row of 8 tins? (a) <u>51.2 cm</u> (b) <u>6.4 cm</u>

12  Find the area of
(a) the triangle ABC (a) 56 cm^2
(b) a triangle having the same base but half the height of ABC. (b) 28 cm^2