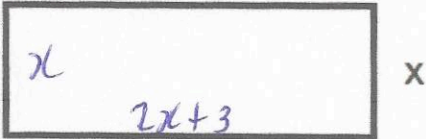
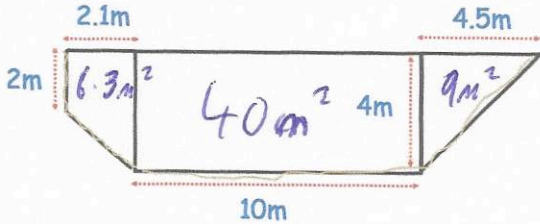


11th March	
<p>What is the size of each exterior angle of a regular pentagon?</p> $360^\circ \div 5 = 72^\circ$	<p style="text-align: right;">Corbettmaths</p> <p>What is the size of each interior angle of a regular heptagon?</p> $(7-2) \times 180 = 900^\circ$ $900 \div 7 = 128.57^\circ$
<p>Write $2\frac{13}{40}$ as a decimal</p> 2.325	
<p style="text-align: center;">$2x + 3$</p> 	<p>The perimeter of the rectangle is 72cm. Calculate the size of the width and length.</p> $6x + 6 = 72$ $6x = 66$ $x = 11$ <p style="text-align: right;">width 11cm length 25cm</p>
<p>Shown is a cross-section of a river. Calculate an estimate of the area of the cross section.</p> 55.3 m^2	<p>$\frac{1}{2}(2+4) \times 2.1$ $\frac{1}{2}(4 \times 4.5)$ <small>Not drawn to scale</small></p> 
<p>The population of a town in 1930 was 400.</p> <p>Every 10 years the population of the town increases by 5%.</p> <p>Work out the population in 2020.</p>	$400 \times 1.05^9 = 620.53..$ $620 \text{ or } 621$