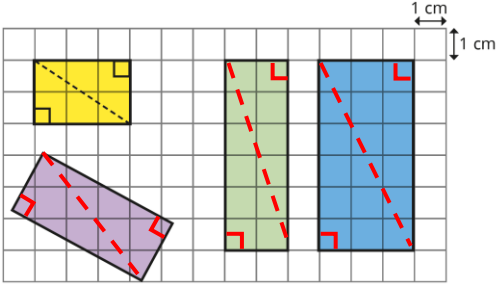


Question	Answer
1	<p>In each rectangle, either diagonal could be drawn.</p> 
2	<p>a) 18 cm² 9 cm² b) $\frac{1}{2} \times \text{base} \times \text{height}$ or $\frac{1}{2} \times \text{area of rectangle}$</p>
3	<p>triangle A = 5 cm² triangle B = 8 cm² triangle C = 10 cm² triangle D = 3 cm²</p>
4	<p>Yes The base and perpendicular height must be at right angles to each other.</p>
5	<p>a) $\frac{1}{2} \times 8 \times 6 = 24 \text{ cm}^2$ b) $\frac{1}{2} \times 15 \times 8 = 60 \text{ mm}^2$ c) $\frac{1}{2} \times 5 \times 12 = 30 \text{ cm}^2$</p>
6	<p>a) 54 cm² b) 120 mm² c) 84 m² d) 240 mm²</p>
7	<p>a) A 3 cm² B 6 cm² C 9 cm² b) The area increases by 3 cm² each time the base increases by 1 cm. It is increasing by half the height each time. If both the base and the height increase, the area goes up by a greater amount each time.</p>