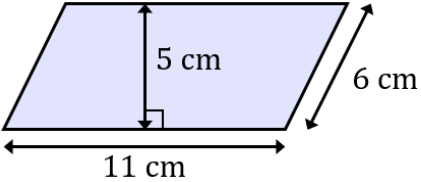
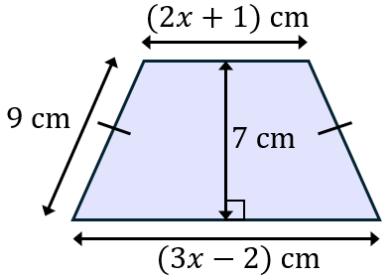
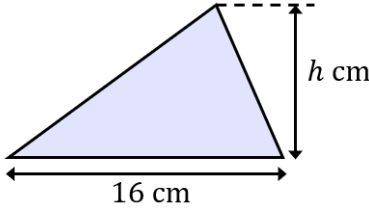
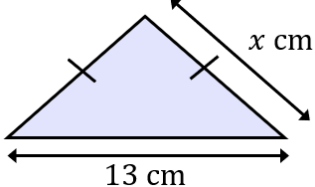
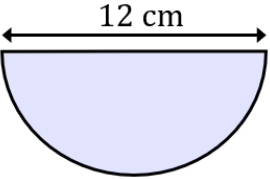
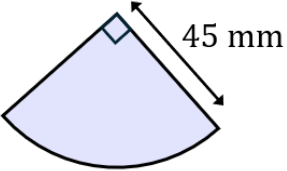
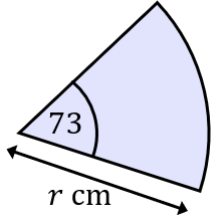
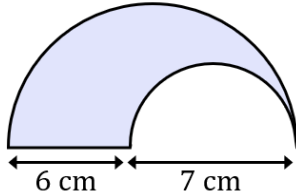
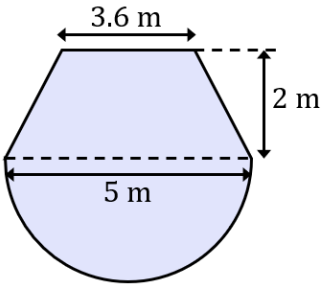
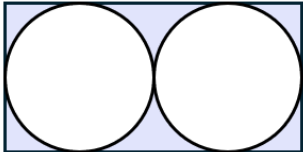
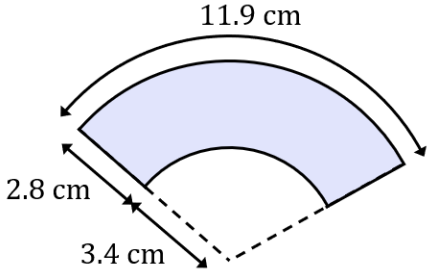
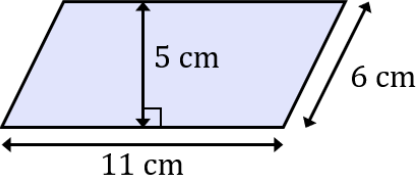
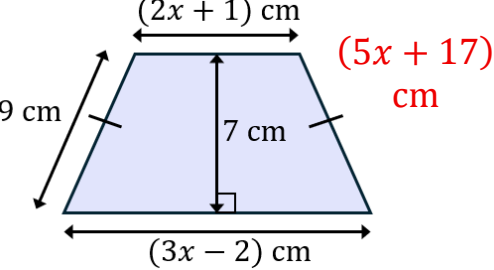
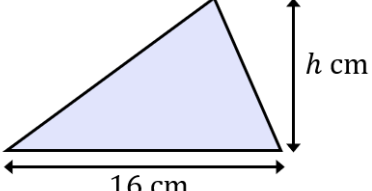
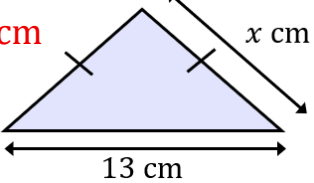
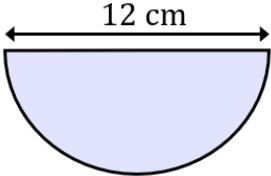
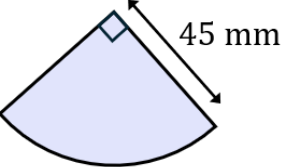
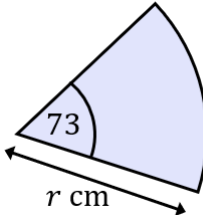
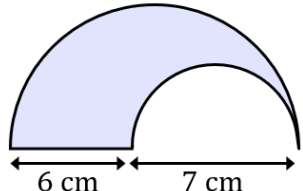
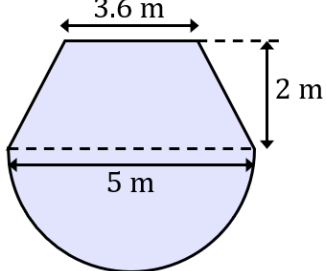
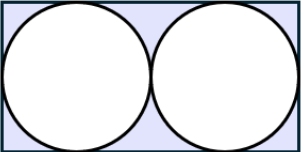
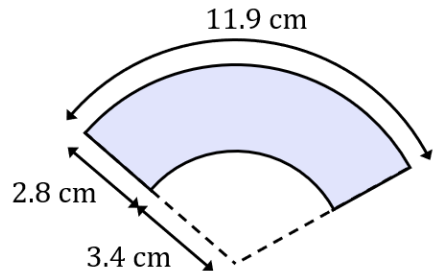


Perimeter and Area

<p>(a)</p> <p>Find the area of the shape.</p> 	<p>(b)</p> <p>Find an expression for the perimeter of the shape.</p> 	<p>(c)</p> <p>The area of the triangle is 72 cm^2. Find the value of h.</p> 	<p>(d)</p> <p>The perimeter of the triangle is equal to the perimeter of a square with side length 8 cm. Find the value of x.</p> 
<p>(e)</p> <p>Find the area of the semi-circle, giving your answer in terms of π.</p> 	<p>(f)</p> <p>Find the perimeter of the shape shown, giving your answer correct to 3 significant figures.</p> 	<p>(g)</p> <p>The area of the sector is 43 cm^2. Find its radius correct to 1 decimal place.</p> 	<p>(h)</p> <p>Find the perimeter of the shape shown, giving your answer correct to 1 decimal place.</p> 
<p>(i)</p> <p>The diagram shows a plan of Anum's lawn. She wants to spread lawn seed across the lawn. One box of lawn seed covers 2 m^2 and costs £7.85. Work out how much Anum will need to spend.</p> 	<p>(j)</p> <p>Two identical circles are enclosed in a rectangle. The radius of the circle is $x \text{ cm}$. Given that the shaded area is 40 cm^2, find the value of x to 1 decimal place.</p> 	<p>(k)</p> <p>Find the area of the shaded region correct to 3 significant figures.</p> 	

Perimeter and Area

<p>(a)</p> <p>Find the area of the shape.</p>  <p style="text-align: center; color: red;">55 cm^2</p>	<p>(b)</p> <p>Find an expression for the perimeter of the shape.</p>  <p style="text-align: center; color: red;">$(5x + 17) \text{ cm}$</p>	<p>(c)</p> <p>The area of the triangle is 72 cm^2. Find the value of h.</p>  <p style="text-align: center; color: red;">$h = 9$</p>	<p>(d)</p> <p>The perimeter of the triangle is equal to the perimeter of a square with side length 8 cm. Find the value of x.</p>  <p style="text-align: center; color: red;">9.5 cm</p>
<p>(e)</p> <p>Find the area of the semi-circle, giving your answer in terms of π.</p>  <p style="text-align: center; color: red;">$18\pi \text{ cm}^2$</p>	<p>(f)</p> <p>Find the perimeter of the shape shown, giving your answer correct to 3 significant figures.</p>  <p style="text-align: center; color: red;">161 mm</p>	<p>(g)</p> <p>The area of the sector is 43 cm^2. Find its radius correct to 1 decimal place.</p>  <p style="text-align: center; color: red;">8.2 cm</p>	<p>(h)</p> <p>Find the perimeter of the shape shown, giving your answer correct to 1 decimal place.</p>  <p style="text-align: center; color: red;">37.4 cm</p>
<p>(i)</p> <p>The diagram shows a plan of Anum's lawn. She wants to spread lawn seed across the lawn. One box of lawn seed covers 2 m^2 and costs £7.85. Work out how much Anum will need to spend.</p>  <p style="text-align: center; color: red;">$£78.50$</p>	<p>(j)</p> <p>Two identical circles are enclosed in a rectangle. The radius of the circle is $x \text{ cm}$. Given that the shaded area is 40 cm^2, find the value of x to 1 decimal place.</p>  <p style="text-align: center; color: red;">$x = 4.8$</p>	<p>(k)</p> <p>Find the area of the shaded region correct to 3 significant figures.</p>  <p style="text-align: center; color: red;">25.8 cm^2</p>	