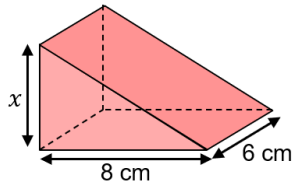
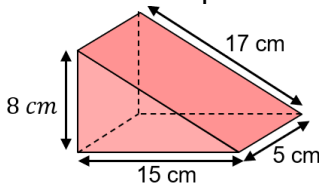
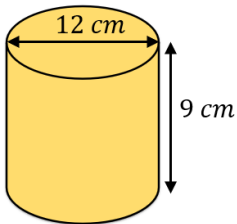
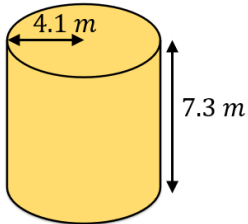
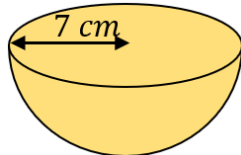
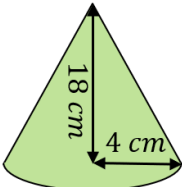
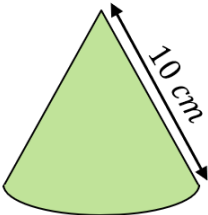


Volume and Surface Area Revision

<p>(a)</p> <p>The volume of a cuboid is 320 cm^3. Its height is 16 cm and the length is 5 cm. Find the width of the cuboid.</p>	<p>(b)</p> <p>Find the surface area of a cube with side length 8.5 cm.</p>	<p>(c)</p> <p>The volume of the prism is 264 cm^3. Find x.</p> 	<p>(d)</p> <p>Find the surface area of this prism.</p> 
<p>(e)</p> <p>Find the volume of the cylinder, giving your answer to 3 significant figures.</p> 	<p>(f)</p> <p>Find the total surface area of the cylinder, leaving your answer in terms of π.</p> 	<p>(g)</p> <p>The volume of a sphere is $288\pi \text{ cm}^3$. Find the radius of the sphere.</p>	<p>(h)</p> <p>Find the total surface area of the hemisphere, giving your answer to 3 significant figures.</p> 
<p>(i)</p> <p>Find the volume of the cone, leaving your answer in terms of π.</p> 	<p>(j)</p> <p>A cone has a slanted height of 10 cm and a curved surface area of $60\pi \text{ cm}^2$. Find the volume of the cone, giving your answer to 3 significant figures.</p> 		<p>(k)</p> <p>A cylinder has a height of 16 cm and a radius of $x \text{ cm}$. A sphere has a radius of $2x \text{ cm}$. The volume of the cylinder and the sphere are equal. Find the value of x.</p>