

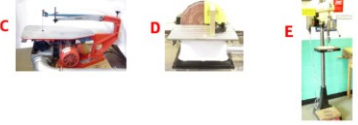


## Cams

Questions	Suggested Answers
 <p>1.</p> <ol style="list-style-type: none"> <li>Name the 3 cams above.</li> <li>Name the type of movement each of the 3 above cams will generate.</li> <li>What type of motion does all 3 cams transfer rotary motion into?</li> </ol>	<p>A = snail, B = eccentric, C = concentric  A = smooth up/sudden down, B = smooth up/smooth down, C = no movement  Reciprocating</p>
 <p>2. A and B are simple graphs showing the movements of 2 types of cam. Name the 2 cams.</p>	<p>Eccentric, Snail</p>
 <p>3.</p> <ol style="list-style-type: none"> <li>Name machines C, D and E.</li> <li>When using machines C, D and E what processes will you achieve?</li> </ol>	<p>Scroll saw, disc sander, pillar drill  C = cut curved shapes, D = sand end grains and curves, E = drill holes, sand concave curves</p>
<p>4. Name 2 methods of fixing a cam.</p>	<p>1 = Screw through cam into dowel  2 = Fixing plate collar</p>
<p>5. How many segments should you divide your circle into when you mark out your snail cam?</p>	<p>Ten segments</p>