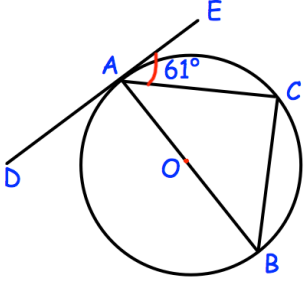
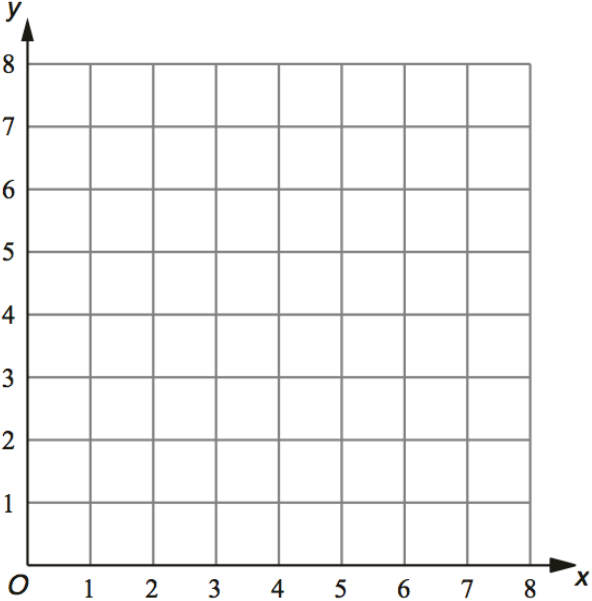


Name: _____

August 20	5-a-day	Higher
<p>The population of an island in 2000 was 48,000.</p> <p>Each year it decreases by 2.5%.</p> <p>Work out the population in 2010.</p>		
 <p>AB is the diameter. DE is a tangent at A.</p>	<p>Angle CAE is 61°.</p> <p>Find angle BAC.</p> <p>Find angle ABC.</p>	
<p>A region R satisfies the inequalities</p> $x + y \leq 5$ $x > 3$ $y \leq 1$ <p>Show this region on the grid.</p>		
<p>Make w the subject of</p> $8(w - 3a) = 3w + 7$		