
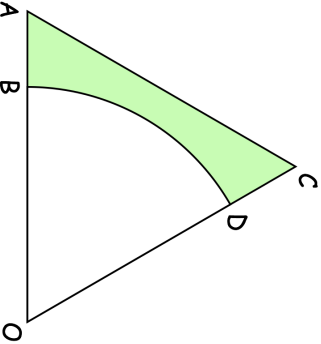

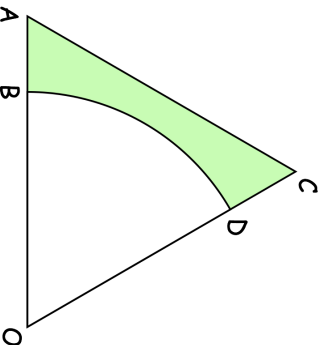


23rd May	Corbettmaths 
Simplify $(27x^6)^{\frac{2}{3}}$	
	<p>AOC is an equilateral triangle of side length 14cm. OBD is a sector of a circle with centre O and radius 11cm.</p> <p>Calculate the area of the shaded region as a percentage of the area of triangle AOC. Give your answer correct to 3 significant figures.</p>
<p>Find the coordinates where the line $x + y = 3$ and the curve $x^2 + 3y = 27$ intersect</p>	
<p>Given $f(x) = \sqrt{3x - 4}$ find x when $f(x) = 2.5$</p>	

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