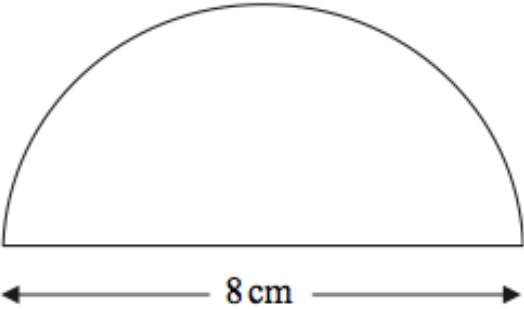


Name: _____

January 10th	5-a-day	Foundation												
<p>Simplify</p> $m^6 \times m^2$	<p>Simplify</p> $m^6 \div m^2$													
<p>Complete this table for the graph $y = x^2 + 1$</p>	<table border="1"><tr><td>x</td><td>-2</td><td>-1</td><td>0</td><td>1</td><td>2</td></tr><tr><td>y</td><td></td><td></td><td></td><td></td><td></td></tr></table>	x	-2	-1	0	1	2	y						
x	-2	-1	0	1	2									
y														
<p>David is x years old Martin is 3 years older than David The sum of their ages is 37</p> <p>Write an equation based on this information</p>	<p>Solve the equation</p>													
<table border="1"><tr><td></td><td>French</td><td>German</td></tr><tr><td>Male</td><td>14</td><td>6</td></tr><tr><td>Female</td><td>12</td><td>8</td></tr></table>		French	German	Male	14	6	Female	12	8	<p>A student is selected at random.</p> <p>What is probability of the student studying German?</p>				
	French	German												
Male	14	6												
Female	12	8												
 <p>A diagram of a semi-circle. Below the flat edge, there is a horizontal line with arrows at both ends, labeled "8 cm", indicating the diameter.</p>	<p>Calculate the area</p>													