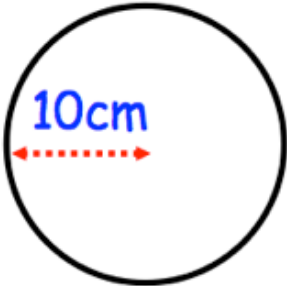


Name: _____

October 8	5-a-day	Higher						
$5^5 \times 5^? = 5^{10}$								
	Calculate the circumference. Give your answer in terms of π							
Solve using the quadratic formula $x^2 + 2x - 10 = 0$								
<table border="1" data-bbox="169 1337 766 1444"><thead><tr><th>Year 4</th><th>Year 5</th><th>Year 6</th></tr></thead><tbody><tr><td>100</td><td>120</td><td>135</td></tr></tbody></table> <p>A stratified sample is taken. 40 year 4 students are selected.</p>	Year 4	Year 5	Year 6	100	120	135	Work out the number of year 6 students in the sample.	
Year 4	Year 5	Year 6						
100	120	135						
Simplify $\sqrt{11} + \sqrt{99}$								