

Name: _____

January 20	5-a-day	Higher
Find the circumference of a circle with radius 4cm.		Find the radius of a circle with circumference 2m.
Line 1 has equation $y = 5x + 2$ Write down the equation of a line parallel to Line 1.		Line 2 has equation $y = 2x - 1$ Write down the equation of a line perpendicular to Line 2.
A large bottle of cola is 18cm tall. A small bottle is 12cm tall. David claims the small bottle contains two-thirds the amount of cola than the large bottle.		Show he is wrong.
Write down the Sine rule.		
Solve using the quadratic formula $2x^2 + x - 8 = 0$		