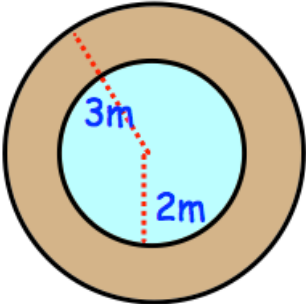Name: _____

March 11th	**5-a-day**	**Higher**

Triangle ABC is isosceles.

One angle is x
Another angle is 2x

Find the two possible values of x

Answer 1   x = _____

Answer 2   x = _____

Which equation has solutions which are rational?

$$\frac{4y^2}{6} = 10 \qquad \frac{4y^2}{8} = 11 \qquad \frac{4y^2}{3} = 12$$

Write down the gradient of a line that is perpendicular to the line
y = 2x

Write down the equation of a line perpendicular to y = 2x

Calculate the area of the path