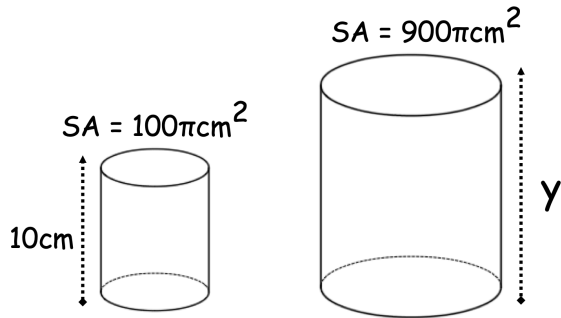


Calculate the area of the triangle.

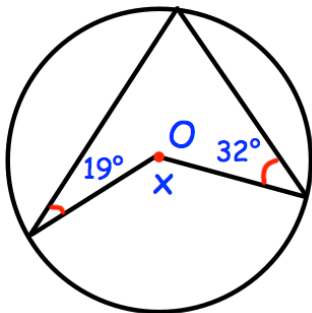


Find y.

Colour	Pink	Blue	Red
Number of sweets	$2x + 12$	6	x

Find the probability of selecting a pink.

The probability of choosing a blue at random is $\frac{1}{10}$



Find x

Expand and simplify

$$\sqrt{12}(7 - \sqrt{3})$$