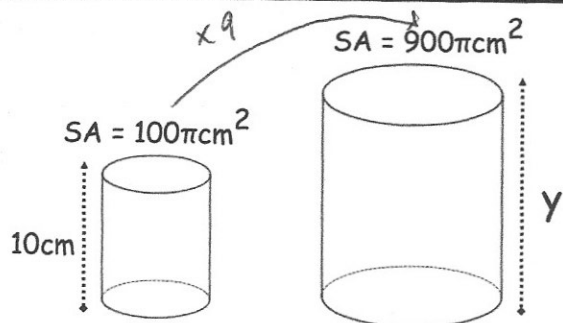


Calculate the area of the triangle.

$$\frac{1}{2} \times 13.7 \times 19.4 \times \sin 109$$

$$125.65 \text{ cm}^2$$



Find y. $\sqrt{9} = 3$

$$10 \times 3 = 30 \text{ cm}$$

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

$$40 \qquad 14$$

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

$$6 \times 10 = 60$$

$$60 - 6 = 54$$

Find the probability of selecting a pink.

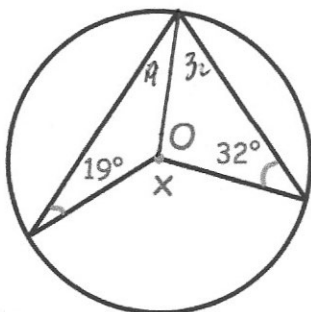
$$3x + 12 = 54$$

$$3x = 42$$

$$x = 14$$

$$\frac{40}{60}$$

$$\frac{2}{3}$$



Find x

$$19 + 32 = 51$$

$$51 \times 2 = 102^\circ$$

Expand and simplify

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

$$7\sqrt{12} - \sqrt{36}$$

$$7 \times \sqrt{4} \times \sqrt{3} - 6$$

$$7 \times 2 \times \sqrt{3} - 6$$

$$14\sqrt{3} - 6$$