



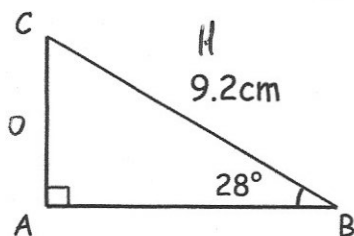
Find the perimeter of triangle ABC.
Give your answer to 3 significant figures.

50 H

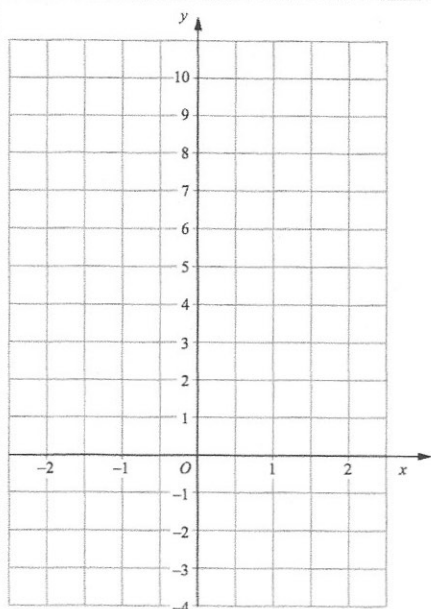
$$AC = 9.2 \times \sin(28)$$

$$= 4.319138... \text{ cm}$$

$$AB^2 + AC^2 = BC^2 \quad AB = 8.123... \text{ cm}$$



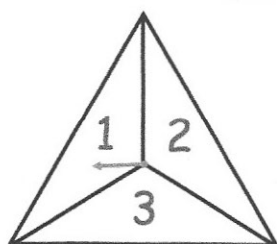
$$21.64 \text{ cm}$$



Complete the table of values for $y = 3^x$

x	-2	-1	0	1	2
y	1/9	1/3	1	3	9

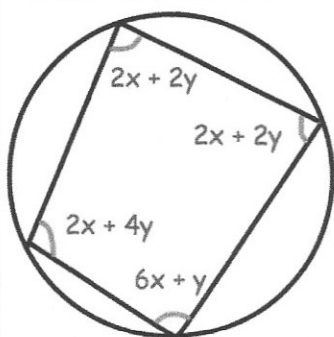
Draw the graph of $y = 3^x$
for values of x from -2 to 2



$$P(3,2,3) = \frac{1}{3} \times \frac{1}{3}$$

A fair spinner is spun twice.
A score is found by adding the two numbers together.
Find the probability of a score of 6

$$\frac{1}{9}$$



$$4x + 6y = 180$$

$$8x + 3y = 180 \times 2$$

$$16x + 6y = 360$$

$$4x + 6y = 180$$

$$12x = 180$$

Find x and y

$$x = 15^\circ$$

$$y = 20^\circ$$

$$6x + 6y = 180$$

$$6y = 120$$

$$y = 20$$