



The probability of someone having brown eyes is 0.5 and the probability of someone having green eyes is 0.14.

What is the probability that someone at random has either brown or green eyes?  $0.5 + 0.14 = 0.64$

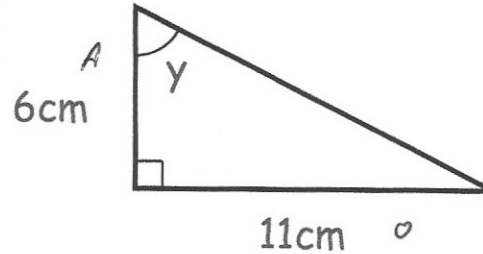
150 people are chosen at random. Work out an estimate for the number of people who will have green eyes.

$$150 \times 0.14 = 21$$

Find  $y$

$$\tan y = \frac{11}{6}$$

$$y = 61.39^\circ$$



Work out  $85.9 \times 7.4$

$$\begin{array}{r} 859 \\ \times 74 \\ \hline 3436 \\ + 60130 \\ \hline 63566 \end{array}$$

$$635.66$$

In a box, there are yellow, blue and red sweets.

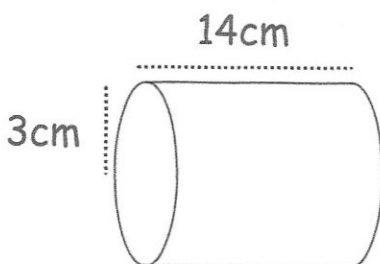
60% of the sweets are yellow.  $2+3=5$   
The ratio of blue to red sweets is 2:3.

$$\begin{aligned} 40 \div 5 &= 8 \\ 8 \times 2 &= 16 \\ 8 \times 3 &= 24 \end{aligned}$$

Write down the ratio of yellow to blue to red sweets.

$$60 : 16 : 24$$

$$15 : 4 : 6$$



Calculate the surface area

$$\pi \times 3^2 = 28.274\dots$$

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$$\pi \times 6 \times 14 = 263.893\dots$$

+

$$\underline{\hspace{10em}} \\ 320.442\dots \text{cm}^2$$