

16th August

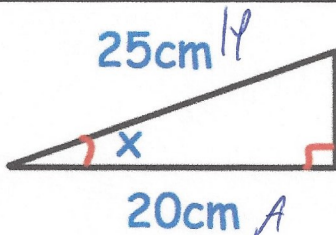


Corbettmaths

A farmer says he has 2,500 sheep, to the nearest 100.

What is the greatest possible number of sheep he has?

2549



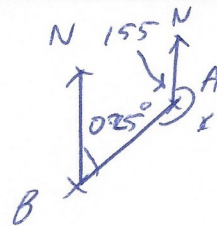
Find x

$$\cos x = \frac{20}{25}$$

$$x = \cos^{-1}\left(\frac{20}{25}\right)$$

$$x = 36.87^\circ$$

The bearing of A from B is 025°
Find the bearing of B from A.

 205° 

$$x = 360 - 155$$

$$= 205^\circ$$

A car decreases in value 15% a year.

If it was bought for £5000, how much will it be worth after 2 years?

$$5000 \times 0.85^2$$

$$= \text{£}3612.50$$

A fair coin is flipped three times.
Write down the probability of getting three tails.

$$\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2} = \frac{1}{8}$$