



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

What is the greatest possible number of sheep he has?

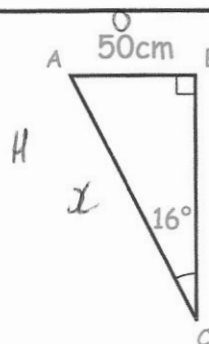
2549

ABC is a right angled triangle

AB = 50cm and $\angle ACB = 16^\circ$ *5 H*

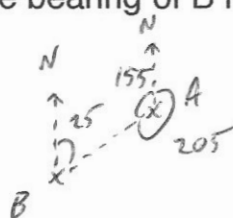
Find AC

$$\frac{50}{\sin 16} = 181.4 \text{ cm}$$



The bearing of A from B is 025°

Find the bearing of B from A.



205°

A car decreases in value 15% a year.

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

$$5000 \times 0.85^2$$

$$£3612.50$$

The interior angle of a regular polygon is 14 times larger than the exterior angle.

$$\frac{14x}{x} = 15$$

How many sides does the polygon have?

$$180 \div 15 = 12$$

$$360 \div 12 = 30 \text{ sides}$$