

1st June

Higher 5-a-day



Corbettmaths

Work out $1000^{\frac{1}{3}}$

$$\sqrt[3]{1000} = 10$$

Add 2.5×10^4 and 8.7×10^5
Give your answer in standard form

$$\begin{array}{r} 870000 \\ + 25000 \\ \hline 895000 \end{array}$$

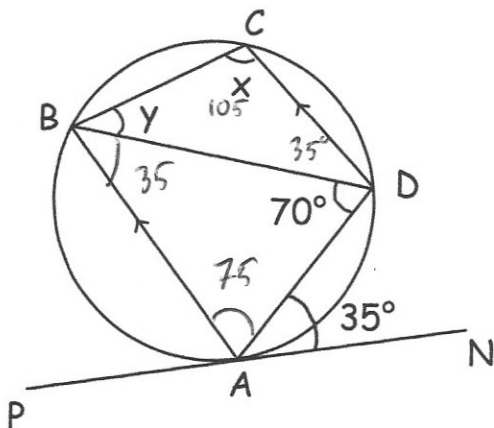
$$8.95 \times 10^5$$

A shop decreases the price of its TVs by 20%.
As a result it sells 140% more TVs than last month.

$$0.8 \times 2.4 = 1.92$$

Calculate the percentage increase in its takings

$$92\%$$



PAN is a tangent to the circle.
Lines AB and DC are parallel.
Angle DAN = 35° Angle ADB = 70°

Find x

$$180 - 75 = 105^\circ$$

Find y

$$180 - 105 - 35 = 40^\circ$$