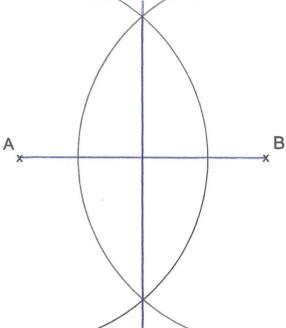
27th October

Corbettmoths

Calculate the volume of a cylinder with height 20cm and diameter 8cm.

V=Tr2/ V=Tx42x20 = 320T = 1005.309-cm3

Draw the locus of all points which are equidistant from points A and B.

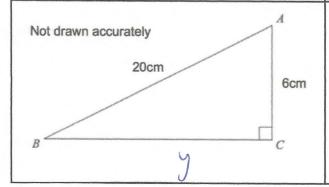


The population of a country is 5.2 million, to the nearest hundred thousand.

5,200,000

What is the greatest possible number of people that live in the country?

5, 249, 999



Find the length of BC

 $6^{2} + y^{2} = 20^{2}$ $36 + y^{2} = 400$ $y^{2} = 364$ $y^{2} \sqrt{364}$ = 19.079 cm