



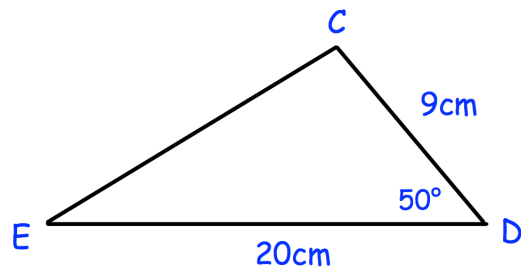
The radius of a sphere is 4cm.
The radius of the base of a cone is also 4cm.
The volume of the sphere is twice the volume of the cone.

Find the height of the cone.

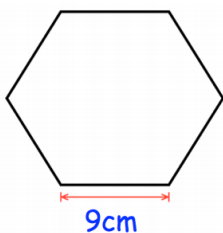
On Friday, 30% of the people visiting a leisure centre went swimming.
90% of the people who swam were members.
18% of the people who visited the leisure centre but did not go swimming were not members.

Find what the percentage of the visitors to the leisure centre on Friday were members.

Calculate the size of angle DCE



Express $3x^2 - 18x + 16$ in the form $a(x - b)^2 + c$



Calculate the area of the regular hexagon