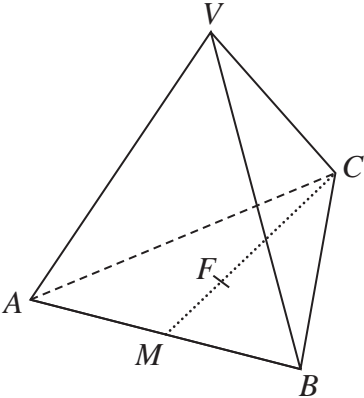


20 $VABC$ is a solid pyramid.
 ABC is an equilateral triangle.



M is the midpoint of AB .
 F is the point on MC such that $MF:FC = 1:2$

The vertex V is vertically above F .
 $VA = VB = VC$

$VF = 8\text{ cm}$ Angle $VCM = 52^\circ$

Work out the side length of the equilateral triangle ABC .
Give your answer correct to 1 decimal place.

..... cm