29th February

Given

\[ f(x) = \frac{8x - 1}{5} \]
find

\[ f(3) \]

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.

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