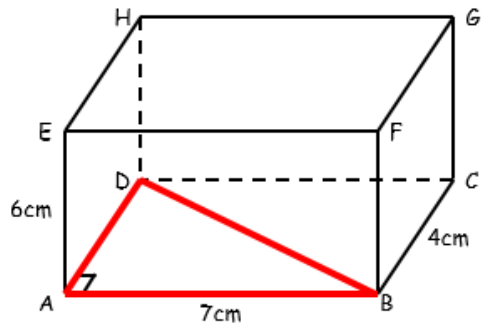


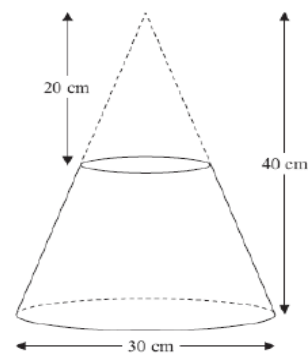
Given that
 $f(x) = 2x + 1$
 $g(x) = 4x - 2$

Calculate $fg(x)$

- (a) Calculate the length BD
- (b) Hence calculate the angle DBH



Calculate the volume of the frustum.



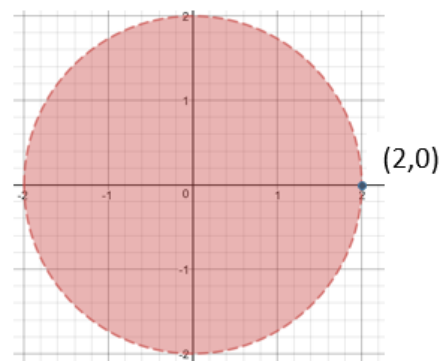
$$x_{n+1} = 2 + \frac{1}{x_n}$$

 Using a starting value of $x_n = 2$
 Calculate the value of x_2

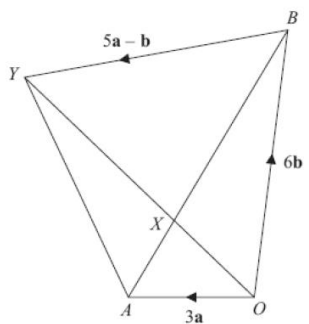
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Grade 9 revision

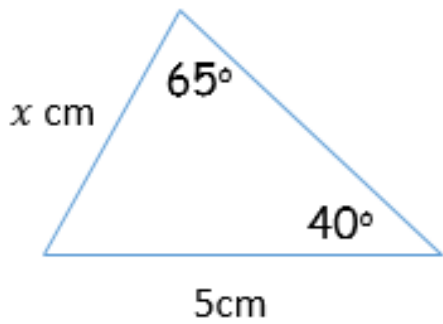
Write the equation of the tangent to the circle at (2,0)



Prove that $\overrightarrow{OX} = \frac{2}{5}\overrightarrow{OY}$



Use the sine rule to find the value of x



Use the cosine rule to find the value of x

