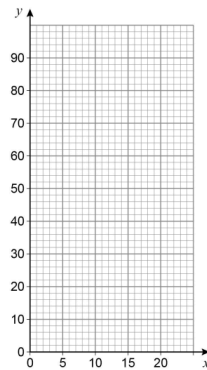


Q11. (2020)

16 Here is a formula.

$$y = 3.6x$$

(A)

16 (a) Draw the graph of $y = 3.6x$ for values of x from 0 to 20**[2 marks]**In the formula $y = 3.6x$ y is speed in kilometres per hour (km/h) x is speed in metres per second (m/s)

(B)

16 (b) Convert 50 km/h to m/s
Give your answer to the nearest whole number.**[1 mark]**

Answer _____ m/s

(C)

16 (c) Convert 30 m/s to miles per hour.
Use 1 mile per hour = 1.61 km/h**[3 marks]**

Answer _____ miles per hour