







James earns \$10 an hour babysitting.

A) Determine whether the amount of money James earns babysitting is proportional to the number of hours he babysits by graphing on the coordinate plane. Explain your reasoning.

B) Find and interpret the constant of proportionality.

C) Explain the meaning of the point (3,30)

A) Is proportional Straight line through the origin

B) Look at point (1,10) To is content to the number of hours he babysitting to the hours he babysit has he babysit he ba

1234

Hours

Keith plants a seed. Every three days after the seed sprouts he measures the height of the plant. The graph shows his results.

A) Find and interpret the constant of proportionality.

Proportionality.

Eight 
$$\frac{6}{3} = \frac{12}{6} = \frac{18}{9} = \frac{2}{1} = 2$$

U =  $2 \times 10^{-10}$ 

Day

B) Explain what the point (6,12) means.

In 6 days the plant grows 12 mm.