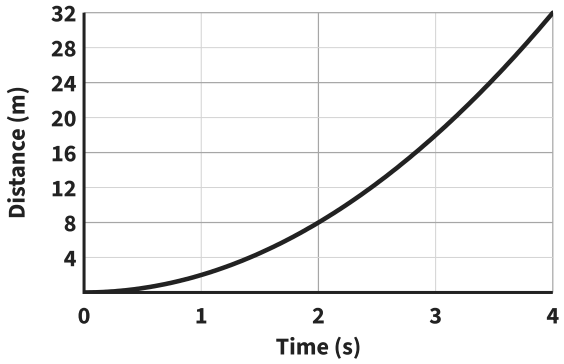
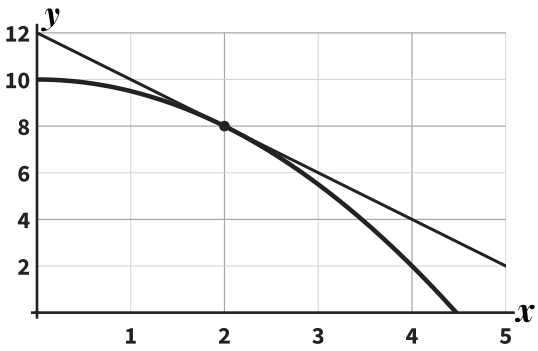
## Turn and talk

A car moves off. It goes 32 m in 4 seconds. Is its speed 8 m/s the whole time?



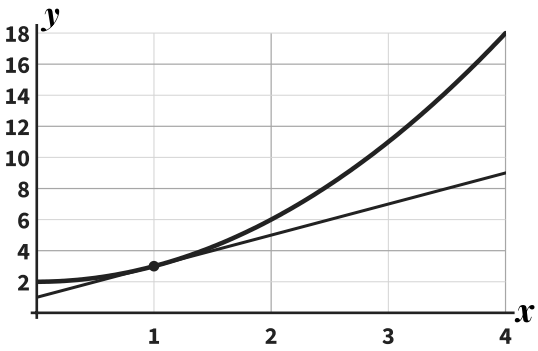

## We do

The tangent at $x = 2$ is drawn. Find the gradient of the curve at $x = 2$.



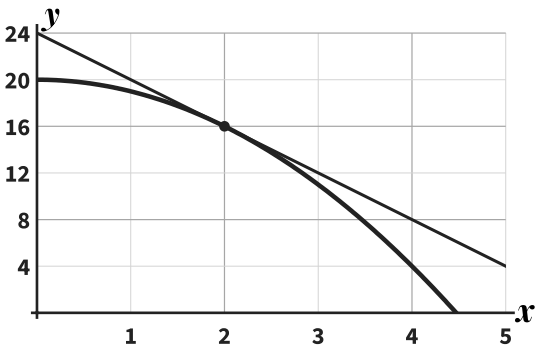

## You do

The tangent at $x = 1$ is drawn. Find the gradient of the curve at $x = 1$.



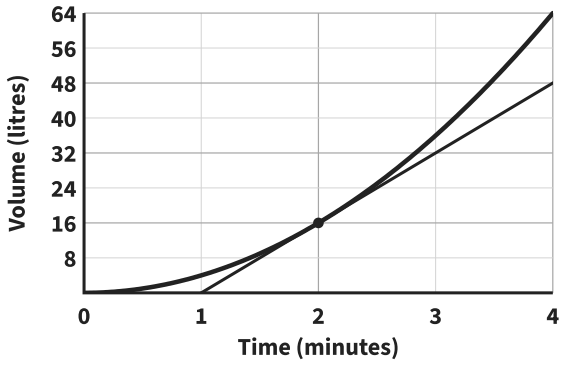

## You do

The tangent at $x = 2$ is drawn. Find the gradient of the curve at $x = 2$.



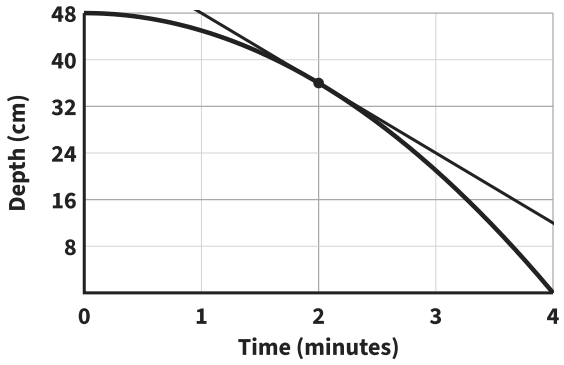

## We do

Water fills a tank. Find how fast it is filling at 2 minutes.




## You do

A tank empties. Find how fast the depth is falling at 2 minutes.




## You do

A plant grows. Find how fast it is growing at 4 weeks.

