

I. Test drive

A car drives along a test track.

x = the average speed of the car in meters per second.

y = the time it takes to travel the length of the track in seconds.



How long is the track?

J. Balloon

A man blows up a balloon.

x = the volume of air he has blown in cubic inches.

y = the diameter of the balloon in inches.



What is the diameter of the balloon when the man has blown in 1000 cubic inches?