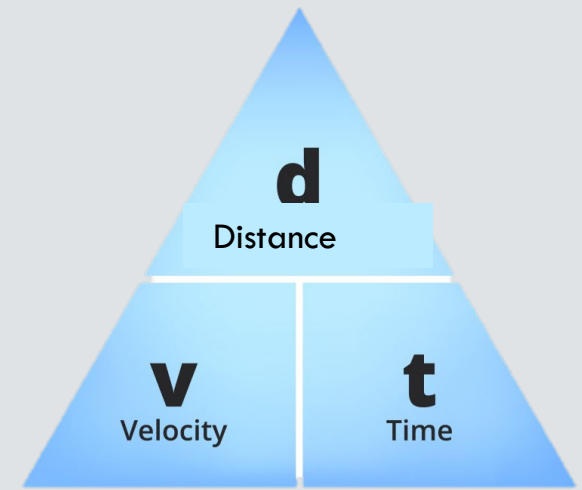


# EXTRA PRACTICE



1. You are going to visit your grandparents 400km away.

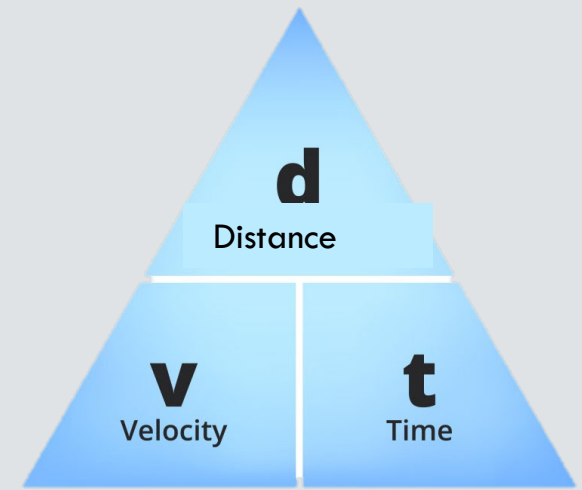
- a) If you have 5 hours to get there, how fast will you have to go?
  
- b) What velocity would you want to maintain if you had six hours?

# EXTRA PRACTICE

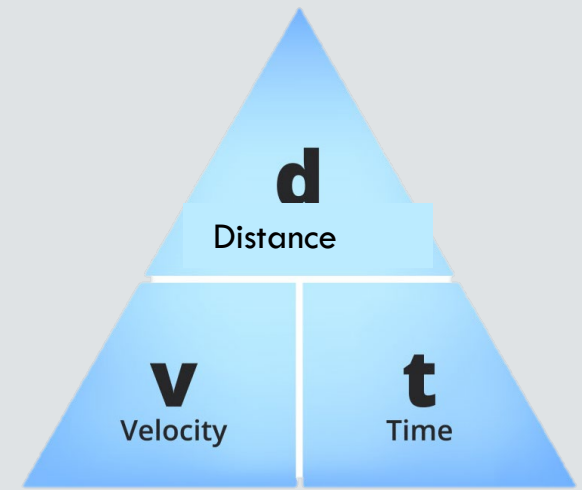
2. How far would each one get you?

a) Travelling 100km for 4.5 hours.

b) Travelling 90 km/h for 6 hours.



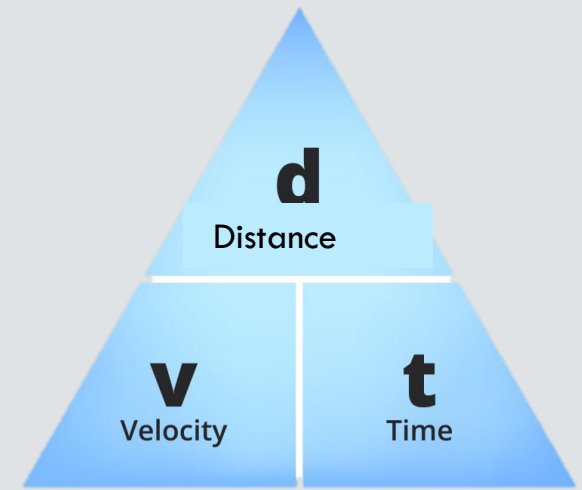
## EXTRA PRACTICE



3. How far can a long-distance trucker travel in three 12-hour days if he travels an average speed of 90 km/h.

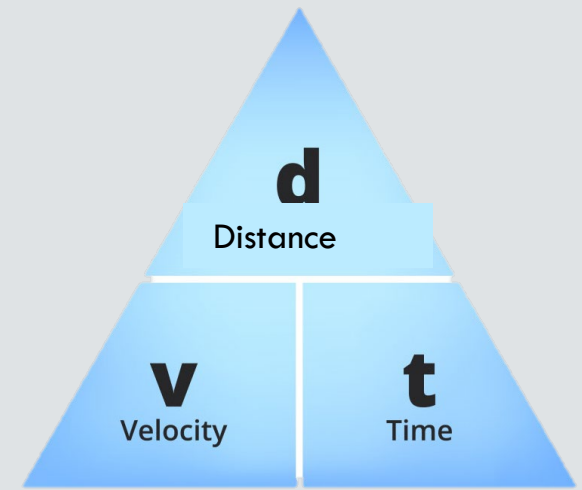
4. You and your friend are both going to a destination 250 km away. You get there in two hours, she gets there in 3. What are your average velocities?

# EXTRA PRACTICE



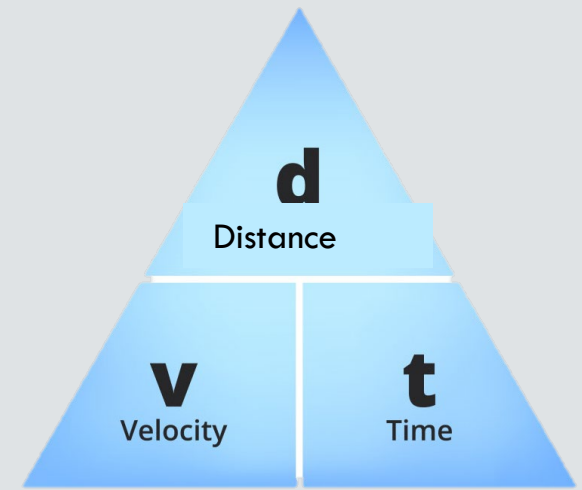
5. A radar gun measures that a car travelled 0.050 km in 0.0042 h. The limit is 110 km/h. Are they speeding?

# EXTRA PRACTICE



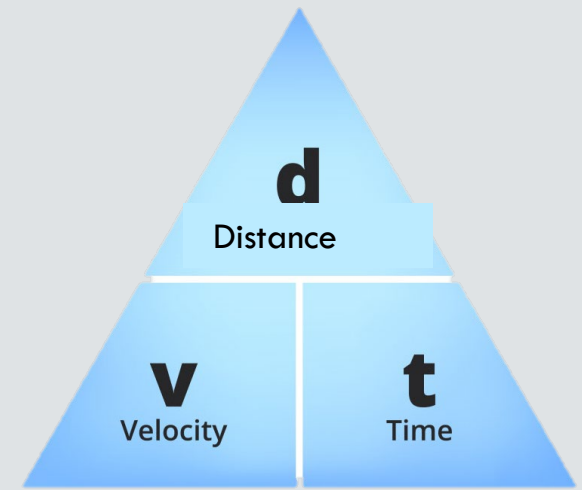
6. You are late for work. It takes you 20 minutes to get there at 60 km/h, so you decide to speed at 70 km/h. How much time do you save? Was it worth it?

# EXTRA PRACTICE



6. You are late for work. It takes you 20 minutes to get there at 60 km/h, so you decide to speed at 70 km/h. How much time do you save? Was it worth it?

# EXTRA PRACTICE



7. Use the graph to calculate the velocity shown.

