Names: _____

#1 Assignment: understanding rates

a. Mike drives his car 60 km in 55 minutes. What is its average speed in kilometers per minute?	b. A police car drives 236 km in 3 hours. What is its average speed in kilometers per hour?
c. A train travels 39 miles in 35 minutes. What is its average speed in miles per minute?	d. A Sea Anemone moves 2.34 inches in 6 hours. What is its rate of speed?

#2 Assignment: Compute distances from rates

e. Sarah rides her bike with a constant speed of 9 km/h. How far can she travel in 4 hours?	f. An airplane flies with a constant speed of 398 mph. How far can it travel in 3 and ½ hours?
g. Abigail runs at a constant speed of 350 feet per minute. How far can she travel in 32 minutes?	h. A starfish was crawling around for 45 minutes. It moves 15 centimeters each minute. How far did it travel?

#3 Assignment: Compute times from rates

i. A train travels with a constant speed of 34 km/h. How long will it take to travel a distance of 33.4 kilometers?	j. An airplane flies with a constant speed of 880 km/h. How long will it take to travel a distance of 3652 kilometers?
k. A car drives with a constant speed of 103 km/h. How long will it take to travel a distance of 454.9 kilometers?	l. Bob rides his motorcycle with a constant speed of 30 km/h. How long will it take to travel a distance of 17 kilometers?

#4 Bonus: Decide which section should be used to solve these problems:

m. Find speed when, distance is 142 km and time is 2 hours.	n. Find out the distance covered when, speed is 960 km/hour and time is 5.5 hours.
o. A cyclist covers 950 m in 5 minutes. Find his speed in km/ hour.	p. Determine the time taken when, distance is 7150 km and speed is 780 km/hr.