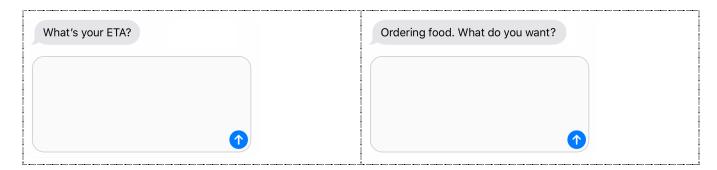


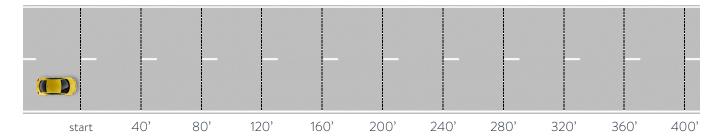
Name & Date: © Citizen Math 2020

PART ONE: TAP TAP

1 If you received the text messages below, how many seconds do you expect it would take you to send a reply?



The car below is driving at 30 miles per hour. Use the diagram to show how far it would travel in the time it takes you to respond to the first text above. Then do the same for the second text. Are you surprised by these distances?



If the car were driving at 75 miles per hour, calculate how far it would travel in the time it takes to send each text message. Based on this, which do you think is more dangerous – texting on a highway or in a residential area – and why?

PART TWO: BACKSEAT DRIVER

Distracted driving is one of the leading causes of car accidents. Of course, phones aren't the only type of distraction. For each activity below, estimate how many seconds it takes and how fast the car may be driving. Which type of distraction would you say is the most dangerous and why?









ACTIVITY	Texting	Unwrapping Food	Checking on Baby	Rubbernecking
TIME	4 seconds			
SPEED	60 mph			

Most drivers agree that driving distracted is dangerous...but many do it anyway. Each day, approximately 9 people in the United States die from distracted driving. 60% are drivers, 25% are passengers, and 15% are pedestrians.

Imagine you're riding in a car with someone you know, and suddenly they get distracted (e.g. by a text, baby, etc.). Come up with one thing you say in this situation to help them re-focus on driving. Would you actually say it??