

L2-4 Name: _____

Date: _____

Hour: _____

6.RP.2, 6.RP.3ab

Fastest Texter in the World

<http://www.youtube.com/watch?v=TBk0rDLdTvE>

1. Joey is fast at texting. He can text at a rate of 40 letters per 10 seconds.

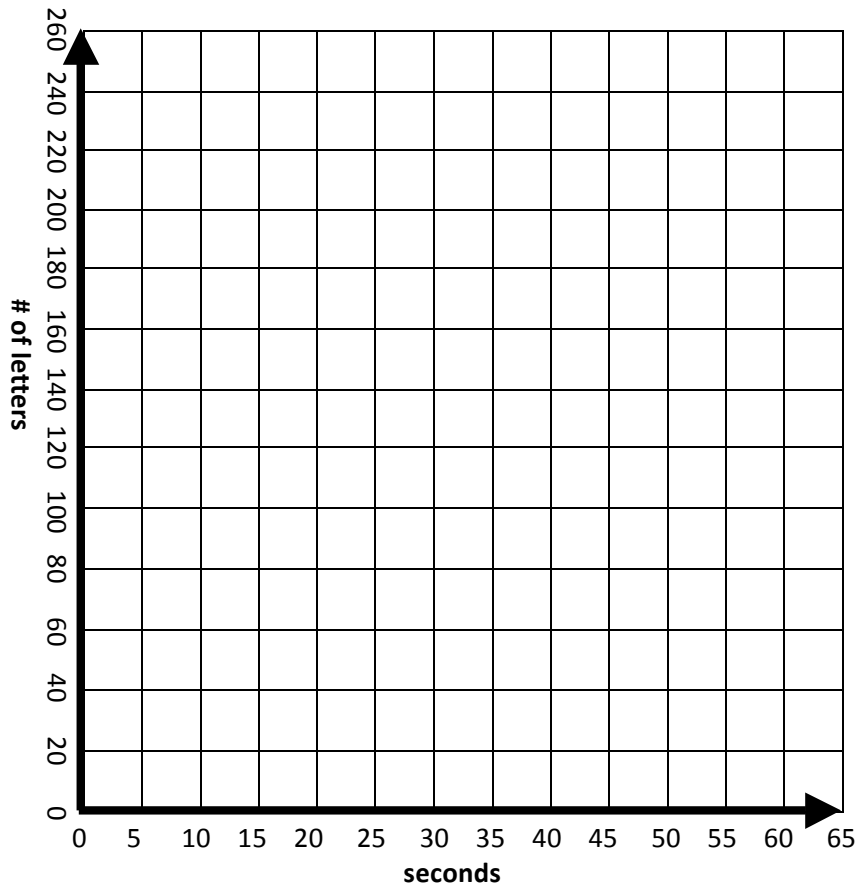
a. Complete the table for Joey's texting rate.

JOEY'S TEXTING RATE							
SECONDS	1	10	20	30	40	50	60
# OF LETTERS		40					

b. Create 3 ordered pairs, with seconds greater than 1, to represent his rate (seconds, # of letters).

(_____, _____), (_____, _____), (_____, _____)

c. Graph the ordered pairs and label your graph.



d. List 3 more sets of ordered pairs that would be on the graph.

(_____, _____), (_____, _____), (_____, _____)

L2-4 Name: _____

Date: _____

Hour: _____

6.RP.2, 6.RP.3ab

Solve each problem **two different ways**.

2. *The fastest texter in the world is Ben Cook who typed a 160-letter message in about 40 seconds*

a. How many letters can Ben text in a second?

|

b. How many letters in a minute?

|

c. If Ben texted for $1\frac{1}{2}$ hours, how many letters would that be?

|

d. Ben texted 2,080 letters. How long did it take him to do this?

|