Name_____   Date_____

The table below shows the average speed for running 20+ miles for some animals.

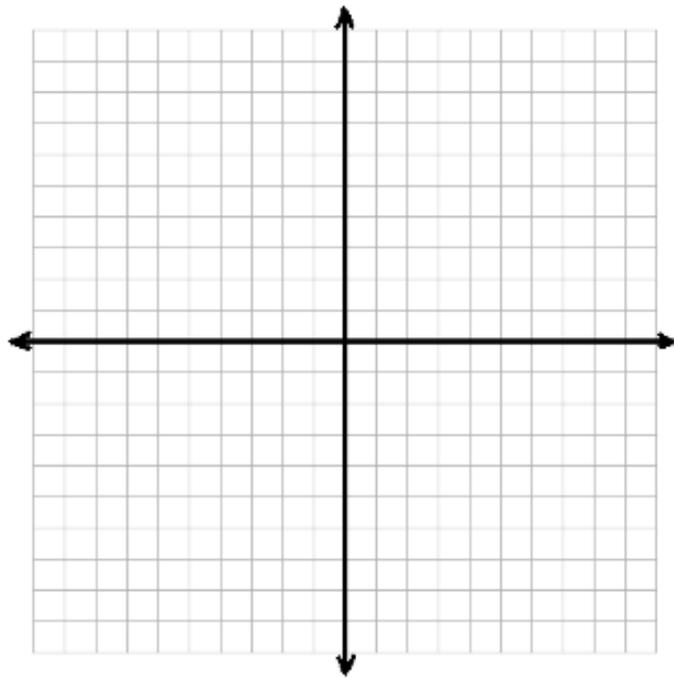| Animal	Speed (mph)
Ostrich	30
Camel	25
Sled Dogs	15
Horse	10

Choose 2 animals and create a table for each animal that shows the rule for their average speed.

Graph the resulting coordinate pairs on a coordinate plane.

Using the two animals that you chose, if they maintain their average speed, about how long would it take each to run 50 miles? Explain.

Teacher notes:

Not yet: Student shows evidence of misunderstanding, incorrect concept or procedure		Got It: Student essentially understands the target concept.	
0 Unsatisfactory: Little Accomplishment	**1 Marginal: Partial Accomplishment**	**2 Proficient: Substantial Accomplishment**	**3 Excellent: Full Accomplishment**
The task is attempted and some mathematical effort is made. There may be fragments of accomplishment but little or no success. Further teaching is required.	Part of the task is accomplished, but there is lack of evidence of understanding or evidence of not understanding. Further teaching is required.	Student could work to full accomplishment with minimal feedback from teacher. Errors are minor. Teacher is confident that understanding is adequate to accomplish the objective with minimal assistance.	Strategy and execution meet the content, process, and qualitative demands of the task or concept. Student can communicate ideas. May have minor errors that do not impact the mathematics.

Adapted from Van de Walle, J. (2004) Elementary and Middle School Mathematics: Teaching Developmentally. Boston: Pearson Education, 65

Name_____   Date_____

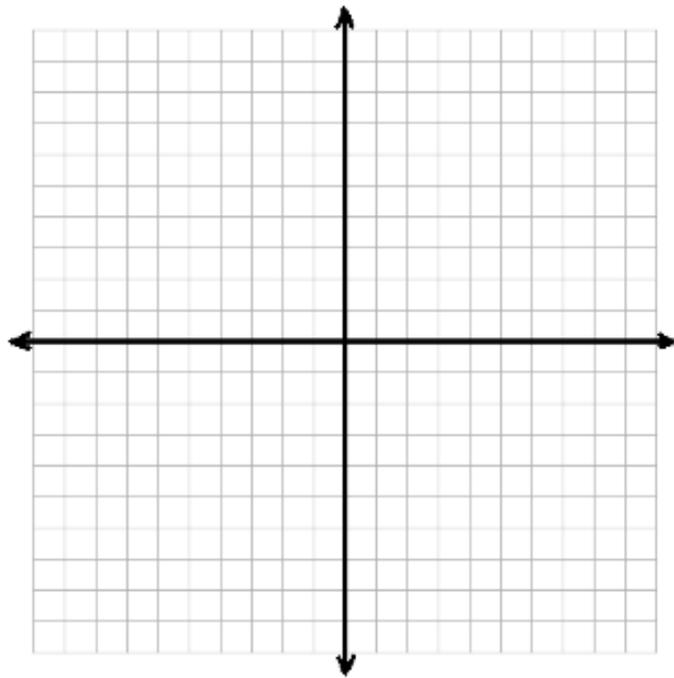The table below shows the average speed for running 20+ miles for some animals.

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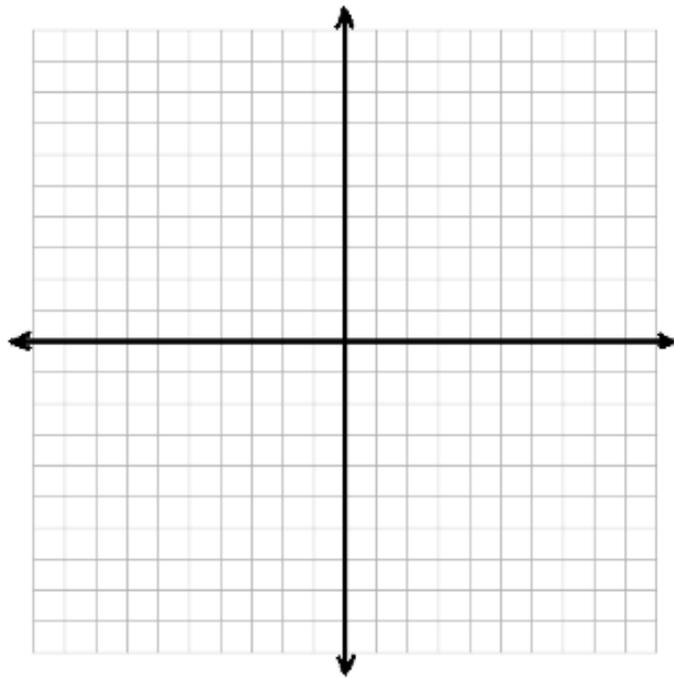
Chocolate Chip Cookies need to bake for 9 minutes in the oven. Oatmeal cookies need to bake for 12 minutes in the oven.

Create a table for each type of cookie that shows the rule for the baking time.

Graph the resulting coordinate pairs on a coordinate plane.

How long will it take to make 4 batches of each cookie? Explain how you know.

Teacher notes:

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