| Name: | Date: |
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## Unit 3 Lesson 5 Guided Notes

| Unit Guiding Question | When and why do I use proportional comparisons? |
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| Objective | I can apply my knowledge of unit rates and proportional relationships. |

Directions: As you go through the PPT and watch the video made by your teacher, complete the guided notes below to ensure your understanding of the content. Be sure to challenge yourself and persevere through new concepts. If you have a question: 1) Re-watch the video 2) Ask a friend 3) Ask your teacher

Skills we have learned in Unit 3:

How to Find Unit Rate:
How to Identify Proportional Relationships:

- A data table is proportional if each set of data has the same $\qquad$ .
- A graph is proportional if the graph starts a $\qquad$ and is a $\qquad$
$\qquad$ line.

How to Constant of Proportionality ( $k$ ) in a table or graph:

I can use two formulas to find the Constant of Proportionality (k):

How to Identify Proportional Relationships in the Real-World:

Yesenia can run 5 laps around the track in 7 minutes. Determine the number of laps she can run per minute

## OR

## It's time to practice what we've learned! ACTIVITY INSTRUCTIONS:

Fast forward to the future...
Today you will become a professional. Pick from the professions below:


Once you have selected your profession, grab the problem set to match.
It's your first day on the job, and your task is to complete the problems given to you.
Be sure to make a good impression!

