ing Rates - Novice



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| Lea | rning | Goa | ls: |
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- I will be able to understand how to write a rate
- I will understand how to write a unit rate
- 3. I will understand how to use rates and unit rates in word problems

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| Notes: |
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| Terminology to Know: |
| 1. Rate: Connisson of things with two different units a. Example: 5/aps/120/aps |
| 2. Unit Rate: Comparison of things with different units where a. Example: the Second rate has been reduced so |
| that it is lunit. |
| Learning Goal #1: Rates |
| 1 Express each sentence as a rate: |

- - a. Steve likes to walk slowly. He usually walks 10 kilometres in 120 minutes.
 - 10Km/120min b. Emily likes to swim fast. She can swim 5 laps of the pool in 1 minute
 - c. Gage has a very fast pitch. He can throw the ball 80 m in 4 seconds.

80m/4s

Learning Goal #2: Unit Rates

1. Mary cycled 30 kilometres in 2 hours. What was his speed? Show your work.

30 km/2hr = 15 km/1hr

2. Mrs. Arcuri's dog ran 9 blocks in 3 minutes. What is his speed? Show your work.

96/3 min = 361/1min

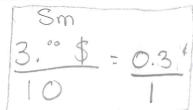
3. A container of yoghurt costs \$4.00 for 400 grams. How much does 100 grams cost? Show your work.

4\$/400g = 1\$/100g

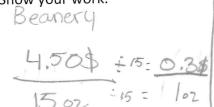
4. A package of movies costs \$48.00 and in the package there are 6 movies. What is the cost per movie? Show your work. 48\$ / 6 movies = 8\$ / Imovie

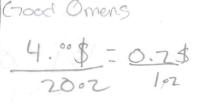
ng Goal #3: Comparing Rates

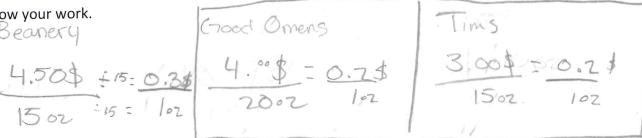
There are three different sizes to Summerland Sweets fruit candies. The smallest box costs \$3.00 and contains 10 candies. The medium size box costs \$6.00 and contains 15 candies. The largest box costs \$10.00 and contains 20 candies. Which is the best deal? Show your work.



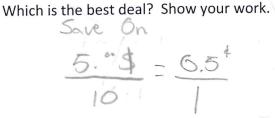
2. Mrs. Arcuri wants to find the best deal for her morning latte. The Beanery costs \$4.50 for 15 oz. The Good Omen café costs \$4.00 for 20 oz. And Tim Horton's costs \$3.00 for 15 oz. Which is the best deal? Show your work.

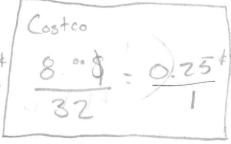






3. Save-On has 10 limes for \$5.00. Superstore has 18 limes for \$6.00. Costco has 32 limes for \$8.00.





4. Mrs. Arcuri drove to Merritt for a hockey tournament. She travelled 120 km in 2 hours. What was her speed? Show your work?