6th Grade Math Choice Board

Hand Sanitizer

Marco sells bottles of hand sanitizer for $1.99. His product is in high demand, so he raised his price to $2.49 per bottle on April 1. During the month of March, he sold 825 bottles at the lower price. In April, he sold 964 bottles – even with the price hike! How much more money did he bring in for April compared to March?

Month	Bottles Sold	Price	Total Sales
March			
April			

College or Technical School?

How much does it really cost to be prepared for a career? Find out! Do a little research on your own, use college websites, or use books from home/library/etc. Look up the tuition cost at your favorite (or dream) college. Then, choose a program to explore at a technical school (https://tcatnashville.edu/programs). Calculate the cost of the program you chose. Why is the cost different? How much is the difference? Will the jobs you get after these two programs be different? How so? Which one would you choose – college or technical school?

When Life Gives You Lemons…

…open a lemonade stand! Do you fancy yourself an entrepreneur like Reginald Lewis? If you could have your own business, would you sell a product or service? Write down what you would need to purchase and how much you would charge in your business.

Use the QR code or go to https://bizkids.com/games/dollar-a-glass to try your hand at a lemonade stand and learn some business vocabulary along the way.

Make some observations along the way. Why do you end up losing money some days? How does a price change affect business? Would you like to actually run a business?

Profit

Marco did make some good money in March and April, but not all the money was profit. He purchased each of those bottles for $0.80 each. The cost of each bottles is subtracted from his sales. The money left is called a profit. Looking at March and April together, how much profit did Marco earn?

How would Marco's profit change if his supplier decided to raise the price of the sanitizer to $0.90 on April 1? Recalculate Marco's new profits.

Slap!

Grab a deck of cards and a partner. Remove the face cards; A=1 and other cards equal the number on them. Deal all the cards so each player has the same number of cards. Each player flips one card face up. The first person to SLAP the two cards and say their product gets to take both cards. If the first slapper gets the answer wrong, the other player can steal! If neither player gets the answer, the cards go back to the original player. Play continues until one person runs out of cards.

Grocery Shopping

Find a canned item in your pantry and find out the cost. How much did this item cost per ounce? Make a double number line to model the unit rate for this item. How much would 8 oz. cost? 15 oz.? 48 oz.? Include these on your double number line.

This Week's Task

When Will I Ever Use This?

For each relationship below, write a real-world scenario, describing each with ratio language, symbols, and alternate representations. Then comment on why it is helpful to use a ratio in that situation.

a) 2/ 4 b) 25 to 100 c) 7:9