

Clocks, Money, Measurement Choice Board

Directions: Complete three squares in a row to make a Tic-Tac-Toe. Your projects should complete the task, be neat, and show your math work. Include a written paragraph that explains your answer.

	Clocks	Money	Measurement
Addition with Regrouping	Write down your daily schedule by hours for one week including items at school, things you do at home, and other activities. Create a report showing the total amounts of time you spend at school, eating, sleeping, studying, playing and going other activities.	Use a menu of a sale paper to plan what you would like to buy. Make a wish list of what you would like to order or buy and the prices. The total must be at least \$150.00.	Find the perimeter of a book or piece of furniture. Explain: Why would knowing the perimeter be useful to someone?
Subtraction with Regrouping	Explain to a traveler what time they would have to leave to arrive at a location at a specific time. Show them how long it will take from the start time to the finish time of their trip.	You have \$250.00 to spend on a three day trip. Create a budget for each day listing what you would buy and how much it would cost. List for each day how much money would be left. Explain how much money would be leftover at the end of the trip.	Measure the objects in your backpack or the food from a grocery bag or the things on a shelf in your room. Find the difference between at least two measurements.
Multiplication with Regrouping	Create a workout schedule. Decide how many times per week and for how long each time you will exercise. Explain how much total time each week you will exercise. Divide your targeting different parts of your body. How much time each week are you spending focused on each part?	You are opening a sneaker shop. The shelves in your store can hold 12 sneakers or 6 pairs of sneakers. How many different sizes and types of sneakers will you display? How many shelves will you need to display the pairs of shoes for customers to try on?	Find the area of a room or playground. Explain why would knowing the area be useful to someone?

Answer	Word Problem	Find the Error	Create
# of days it takes for the moon to make a full revolution (28)	Davis and Luisa both work at Tommy's Pizzeria throughout the week. They earn the same amount of money per day. If Davis made \$252 and Luisa made \$224 this week, how much money do they make per day. Please use <u>prime factorization</u> to show your solution.	<p>Hector is trying to find the prime factorization of 840.</p> <p>He writes the prime factorization of 840 as $2 \cdot 3 \cdot 5 \cdot 23$.</p> <p>Is Hector's answer correct or not? Explain what Hector could have done to check his work. Show the correction he needs to make.</p>	<p>a) Create a word problem with this answer that uses either division or prime factorization to get to the answer.</p> <p>b) Create a word problem that uses the answer in the prime factorization.</p> <p>Show the solution to the word problem.</p>
# of days in a leap year (366)	On Sundays, The A train arrives at the 125 th Street station every 16 minutes. The D train arrives every 21 minutes. How many minutes will elapse before the trains arrive at train station at the same time? It is 12:30 pm now and both trains are at the station, at what time will the trains meet again?	<p>There is a star with four orbiting planets. One planet makes a trip around the star in 7 Earth years, the second planets takes 6 Earth years, the third takes 16 Earth years, and the fourth takes 21 Earth years. How many years, will it take for the planets to return to this position?</p> <p>Deena states that it will take 14,112 years. Explain how Deena found her answer and how she can solve it correctly.</p>	<p>a) Create a word problem with this answer that uses multiplication and/or finding common multiples to get to the answer.</p> <p>Show the solution to the word problem.</p>
# of days in a regular week (7)	Djali has 42 Snickers bars and 63 Three Musketeers bars. If she wants to make Halloween grab bags, what is the greatest amount of grab bags she can make if she must have exactly the same number of Snickers and exactly the same number of Musketeers in each bag? Please <u>diagram</u> your solution.	<p>Neena has 21 smiley-face stickers, 54 glittery stickers and 84 heart stickers. Elaine states that Neena can only divide the stickers evenly among 3 friends. Create a diagram that shows how Elaine solved this problem and explain whether she is correct or not.</p>	<p>a) Create a word problem with this answer that uses division and/or finding common factors to get to the answer.</p> <p>Show the solution to the word problem.</p>