

4TH GRADE MATH CHOICE BOARD

Choose one of the activities to complete for 3-5 extra credit points added to your final third quarter grade!

Standards: 4.OA.A.2 Operations & Algebraic Thinking-Multiply or divide to solve word problems. 4.OA.A.3 Solve multistep word problems posed with whole numbers and using the four operations. 4.NBT.B.5 Number & Operations Multiply whole numbers. 4.NBT.B.6 Divide whole numbers by a one-digit divisor. 4.MD.A.3 Measurement & Data Apply the area formula in real world problems.

Materials: Paper, pencil, graph paper

Estimated completion time: 45 minutes

HOW MUCH TOILET PAPER DOES YOUR FAMILY NEED FOR A MONTH (30 DAYS)?

The average person uses one roll of toilet paper every five days. Based on average use and the number of members in your family, determine how many rolls of toilet paper your family would need for 30 days.

Also, determine how many packages of toilet paper your family would need to purchase if you purchase TP packages containing four rolls.

And last, you create a story problem about toilet paper. Be sure to answer the question you are asking too.

SOCIAL DISTANCING IN THE CLASSROOM

The CDC recommends that people stay at least 6 feet apart. Determine how many people can social distance inside the classroom. The classroom is 25 feet wide and 30 feet long. Use graph paper to show the area of the classroom allowing each square to represent one square foot. Use an X to represent each person in the classroom. Don't forget to include square footage for furniture such as the storage cabinet, the computer cabinet, teacher desk, and flexible seating.

Also, determine how long our line will be with 22 people at six feet apart.
Convert to yards (3 feet = 1 yard).

COOKIES FOR FIRST RESPONDERS

Each fire house has 27 first responders and there are six fire houses in your area.

Determine how many cookies you would need to bake in order to bake two cookies for each First Responder.

Also, determine how many batches of cookies you would need to bake if each batch makes 8 cookies.

If each batch of cookies requires $2\frac{1}{2}$ cups of sugar, how many cups of sugar will you need to make all the cookies?

CREATE A SONG OR POEM

Using skills, you have learned in math create a song or poem that makes learning fun and meaningful.

Remember our song about Area?

Area...Area...it's a place (snap, snap)

How many square units does it take? (snap, snap)

Length times width (with a Z)

And...

Don't forget to add body movements like...

"Scalene (pronounced Scaaaaalene) all sides are different" as we make the triangle with our arms

