



Connecticut's Summer Math Passport Students Entering Grade 7



Family Learning Beach

Collect some shells and rocks.

- What did you collect?
- What is the ratio of rocks to shells?



Family Learning Farmer's Market

You have \$10. Go to a table at the farmer's market that sells something by pound. Select something you could buy.

- What did you select?
- What is the cost per pound?
- How many pounds can you buy with \$10?
- What is the total cost of your purchase?
- Do you have any change left over from your purchase, and if so, how much?

(If you can't go to a Farmer's Market, use a flier from a grocery store.)



Family Learning Gardening

You are creating a vegetable garden at home. The dimensions of the garden are $3\frac{1}{2}$ yards by $4\frac{2}{3}$ yards.

- What is the area of your garden?
- What vegetables could you get from the garden center for your garden? *(If you are unable to visit a garden center, you can research information about vegetable plants.)*



Family Learning Walk or Hike

Take a walk around your neighborhood. Use a pedometer or another method for keeping track of your steps to see how many steps you take in 12 minutes. Use this knowledge to help you determine how many steps you would walk in 2 hours.



Family Learning Ice Cream Shop

An ice cream cone is four inches tall. Each scoop of ice cream is 3-inches tall.

1. If you get a one-scoop cone, how tall would it be?
2. If you get a three-scoop cone, what is the total height?
3. If you get a five-scoop cone, how tall would it be?
4. If you were REALLY hungry, you could get a 10-scoop cone! What would the total height be?

Write an equation to find the total height no matter what the number of scoops.

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Family Learning Movement

Grab a jump rope and see how many jumps you can do in 5 minutes each day for a week.

- Record your data in a table.
- Graph your data.
- Write 3 observations from your graph.



Family Learning Playground

One cubic foot of sand weighs about 70 pounds. Go to the sandbox. Find the dimensions of the sandbox. How many pounds of sand can the sandbox hold when it is full?