

## **Fourth Grade**

**Measurement and Conversions** 

Capacity

These activities extend the puzzles and the concepts learned in the puzzles throughout the week. The activities might be tasks, word problems, journal writing activities, or hands-on activities designed to deepen student understanding and help students make connections.

Some of the activities listed below work well in a remote environment and can be easily added to your virtual classroom. The activities that can be used remotely are designated as such.





Name:	Date:
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Maddie is filling a small fish tank with water. The tank holds 3 gallons of water. If Maddie uses a pitcher that holds 3 cups of water, how many times will Maddie have to fill the pitcher to fill the tank? Explain.



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C.J. needed at least 5 gallons of punch for the class party.

- He used 11/2 gal. of orange juice, 1 pint of lime juice, and 9 quarts of Sprite.
- He wanted to add fruit punch to this mixture. If he added more fruit punch than orange juice but less than Sprite, would he have enough punch?
- Tell how much fruit punch he should add, how much punch that would make, and justify your response.



Give an example of when using meters as the unit of measurement makes more sense than using centimeters. What about hours rather than seconds?

Capacity is the number of units needed to fill an object. Can you name an object that you could measure its length, weight AND capacity? Explain.

Richard and Darryl measured identical tables in their classroom. Richard recorded his measurement in inches and Darryl recorded his measurement in feet. If Richard recorded the table's length as 36 inches, what did Darryl record as the table's measurement in feet? Explain.