

The Challenges – Teacher Resources

Name _____

What if

Activity

What if

1. You saved 2 quarts of water each day. How many days would it take until you saved 2 gallons of water?

2. Each glass of water you drink contains 8 ounces. How many glasses of water must you consume to drink 3 quarts of water?

3. A drink recipe calls for 2 liters of water added to a mix, and you only have a container that measures milliliters? How many milliliters of water would you need?

4. Your class plants a tree outside your classroom. Each time a student leaves the room, he or she fills up a quart container and waters the tree when walking by it. Today, all 16 students water the tree once. How many gallons of water does the tree get today?

5. You need to add five tablespoons of oil to your ingredients for a cake. You can only find a teaspoon to use. How many teaspoons of oil would you need to add?

6. We fill a bucket with 18 ounces of water today and it sits out in the sun for a week. After one week, we find that 2 ounces of water are missing from the bucket. How many cups of this water most likely evaporated and are missing?

7. Rachel found that she used 6 quarts of water when she brushed her teeth. How many pints of water did she use?

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Answer key

What If

1. 4 days
 2. 12 glasses of water
 3. 2,000 milliliters
 4. 4 gallons
 5. 15 teaspoons
 6. 2 cups
 7. 12 pints
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