

One Gallon



Materials: empty gallon milk jugs, funnel, tub of water, paper towels

1. Work with a partner. Collect an empty one gallon milk jug. Predict how many cups of water it will take to fill the container. Record your prediction.
2. Put a funnel in the milk jug. Fill a 1-cup measure with water and pour it into the milk jug.
3. Continue to pour cups of water until you reach 8 cups. Look to see how full the container is. Do you want to change your prediction of how many cups are in a gallon?
4. Continue pouring cups into the milk jug until it is full. How many cups are in a gallon? Record your findings.
5. Did you change your prediction after 8 cups? Was your second prediction better than your first? Explain.

I predict that there are
____ cups in one gallon.

I changed my prediction after
pouring 8 cups because...

My second prediction was
better/worse than my first
because...

If there are ____ cups in one
gallon then there will be ____
cups in ____ gallons.