

## 2. Materials

- Water
- Sand
- 2 measuring cups
- Balance

## 3. Procedure

1. Measure 150 mL of water and 150 mL of sand.
2. Measure mass of water.
3. Measure mass of sand.
4. Compare.



### Question:

If two things have the same volume, will they also have the same mass?

### 1. Hypothesis:

Yes. If two things have the same volume, they will have the same mass.

## 4. Do the Experiment!

## 5. Results

	Volume	Mass
Water	150 mL	165 g
Sand	150 mL	262 g

## 6. Conclusion

Having the same volume doesn't mean that two things will have the same mass!