

Measurement Word Problems Worksheets (Customary Units)

1. A box weighs 8 ounces. A shipment of boxes weighs 7 pounds. How many boxes are in the shipment?

2. Tracy's rain barrel has a capacity of 27 quarts of water. Beth's rain barrel has a capacity of twice the amount of water as Tracy's rain barrel. Trevor's rain barrel can hold 9 quarts of water less than Beth's barrel.

a. What is the capacity of Trevor's rain barrel?

b. If Tracy, Beth, and Trevor's rain barrels were filled to capacity, and they poured all of the water into a 30-gallon bucket, would there be enough room? Explain.

Measurement Word Problems Worksheets (Customary Units)

1. A box weighs 8 ounces. A shipment of boxes weighs 7 pounds. How many boxes are in the shipment?

$$7 \times 16 = 112 \text{ ounces}$$

$$112 \div 8 = 14$$

There are 14 boxes in the shipment.

2. Tracy's rain barrel has a capacity of 27 quarts of water. Beth's rain barrel has a capacity of twice the amount of water as Tracy's rain barrel. Trevor's rain barrel can hold 9 quarts of water less than Beth's barrel.

a. What is the capacity of Trevor's rain barrel?

$$\text{Beth} = 2 \times 27 = 54$$

$$\text{Trevor} = 54 - 9 = 45$$

Trevor's barrel has the capacity of 45 quarts

b. If Tracy, Beth, and Trevor's rain barrels were filled to capacity, and they poured all of the water into a 30-gallon bucket, would there be enough room? Explain.

$$\text{Total} = 27 + 54 + 45 = 126 \text{ quarts}$$

$$1 \text{ gallon} = 4 \text{ quarts}$$

$$30 \text{ gallons} = 120 \text{ quarts which is less than } 126 \text{ quarts.}$$

There is not enough room in the 30 gallon bucket

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