

Here are some multiplication and division word problems. Figure out which is which and draw diagrams that would help you solve each.

1. A bag of candy weighs $\frac{3}{4}$ of a pound. Jan has $\frac{2}{5}$ of a bag of candy. How much does her candy weigh?

2. Jan has $\frac{2}{5}$ of a bag of candy. Her candy weighs $\frac{3}{10}$ of a pound. How much does a full bag of candy weigh?

3. Jan has $\frac{3}{10}$ of a pound of candy. A full bag of candy weighs $\frac{3}{4}$ of a pound. How many bags of candy does Jan have?

4. A jug holds $\frac{2}{3}$ of a quart of juice. There are $2\frac{1}{2}$ jugs of juice in the refrigerator. How much juice is in the refrigerator?

5. Mike has $1\frac{2}{3}$ quarts of juice. A jug holds $\frac{2}{3}$ quarts of juice. How many jugs can Mike fill?

6. Mike has $1\frac{2}{3}$ quarts of juice. That is enough to fill $2\frac{1}{2}$ jugs of juice. How much juice fills one jug?