

Part 1-9 → Dividing Fractions Word Problems

Key issues * am I really dividing? (multiplying?)

* which amount goes first?

Each fruit punch serving uses $\frac{1}{12}$ of a gallon of cranberry juice. You have $\frac{2}{3}$ of a gallon of cranberry juice.

How many fruit punch servings can you make?

* Yes! we are dividing

* $\frac{2}{3}$ goes first. $\frac{2}{3}$ is what we are splitting up.

$$\frac{2}{3} \div \frac{1}{12} =$$

keep change flip

$$\frac{2}{3} \times \frac{12}{1} = \frac{24}{3} \div 3 = \frac{8}{1} = \textcircled{8}$$