

Part 2-7 → Completing Tables of Proportional Relationships

The table below shows the relationship between cups of cranberry juice and cups of apple juice in fruit punch.

Solve for X and Y.

<u>cranberry</u>	<u>Apple</u>
X	12
5	20
7	Y

Time to cross multiply & divide!

$$\frac{\text{cranberry}}{\text{apple}} = \frac{X}{12} = \frac{5}{20}$$

$$12 \times 5 \div 20 = \textcircled{3}$$

$$\frac{\text{cranberry}}{\text{apple}} = \frac{5}{20} = \frac{7}{Y}$$

$$20 \times 7 \div 5 = \textcircled{28}$$