



## Ratio Problems Worksheet

Solve. If the problem asks for a ratio, give it in simplified form.

- 1 a. Sophia and Jayden share a reward of \$144 in a ratio of 1 : 7. What fraction of the total reward does Sophia get?

$$144 \div 8 = 18 \$$$

- 2 a. Sophia and Jacob share a reward of \$48 in a ratio of 2 : 4. What fraction of the total reward does Sophia get?

$$\begin{array}{l} 1 = 8 \\ 2 = 16 \end{array}$$


- 3 a. A jar contains 1300 beans. Of them, 260 are lima beans and the rest are cranberry beans. What is the ratio of lima beans to all the beans?

$$\begin{array}{r} +1300 \\ 260 \\ \hline 1560 \end{array} \quad 260 : 1560$$

- 4 a. A truck is carrying orange juice, peach juice, and mango juice bottles in a ratio of 3 : 5 : 4. If there are 70 peach juice bottles, then how many mango juice bottles are there?

$$70 \div 5 = 14 \quad 56 \quad 14 \times 4 = 56$$

- 5 a. The ratio of girls to boys in an astronomy club was 7 : 2. There were 56 girls. How many total members were there in the club?

$$56 \div 7 = 8 \quad 8 \times 2 = 16$$