

1. At a sports camp, $\frac{1}{2}$ of the children play golf, $\frac{1}{3}$ play soccer, $\frac{5}{18}$ play baseball, and $\frac{1}{9}$ play tennis. Which sport is the least popular?

Comparing so we need a common denominator.

$$G: \frac{1}{2} \times \frac{9}{9} = \frac{9}{18}$$

$$B: \frac{5}{18} = \frac{5}{18}$$

$$T: \frac{1}{9} \times \frac{2}{2} = \frac{2}{18}$$

Golf is the least popular.

2. Malcolm has scored $\frac{3}{5}$ of his soccer team's goals this year. Eli, his team mate, has scored $\frac{1}{4}$ of their team's goals. Together, what fraction of the team's goals have they scored?

$$\frac{3}{5} + \frac{1}{4}$$

$$\frac{12}{20} + \frac{5}{20} = \frac{17}{20} \text{ goals.}$$

3. Clarence has \$630. If he gives $\frac{2}{9}$ of his money to Bruce, how much will Bruce get?

$$630 \times \frac{2}{9}$$

$$\frac{630}{1} \times \frac{2}{9} = \frac{1260}{9} = \$140$$

Bruce will get \$140.

4. A fish tank has 36 liters of water in it. With this amount of water in it, it is only $\frac{3}{4}$ full. What is the total amount of water this tank could hold?

$$36 \div \frac{3}{4}$$

$$\frac{36}{1} \times \frac{4}{3} = \frac{144}{3} = 48$$

The water could hold 48L.

5. On a mixed softball team in St. Lazare, $\frac{2}{3}$ of the players are men and $\frac{1}{2}$ of the men bat right-handed. What fraction of the players are men that bat right-handed?

$$\frac{2}{3} \times \frac{1}{2} = \frac{2}{6} = \frac{1}{3}$$

$\frac{1}{3}$ of the players are men
that bat right-handed.