

45.

$$\frac{4}{15} \times 9$$

$$\frac{4}{\cancel{15}^5} \times \frac{9^3}{1}$$

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

$$\frac{12}{5}$$

46.

$$\frac{8}{24} \times \frac{6}{10} \times \frac{20}{3}$$

$$\frac{8}{\cancel{24}^6} \times \frac{\cancel{6}^1}{10} \times \frac{20^5}{3}$$

$$\frac{8}{1} \times \frac{1}{10} \times \frac{5}{3}$$

$$\frac{8}{1} \times \frac{1}{\cancel{10}^2} \times \frac{\cancel{5}^1}{3}$$

$$\frac{4}{1} \times \frac{1}{1} \times \frac{1}{3}$$

$$\frac{4}{3}$$

47.

$$4\frac{2}{5}$$

$$= \frac{4 \times 5 + 2}{5}$$

$$= \frac{22}{5}$$

48.

$$7\frac{1}{2} \times 5\frac{1}{3}$$

$$= \frac{15}{2} \times \frac{16}{3}$$

$$= \frac{5}{1} \times \frac{8}{3}$$

$$= \frac{5}{1} \times \frac{8}{1}$$

$$= \frac{40}{1}$$

$$= 40$$

49.

$$\frac{8}{3} \div \frac{4}{6}$$

$$\frac{\cancel{8}^2}{3} \cdot \frac{\cancel{6}^2}{\cancel{4}^1}$$

$$\frac{2}{3} \cdot \frac{6}{1}$$

DIVIDE FRACTIONS

REWRITE AS MULTIPLICATION BY FLIPPING
2ND FRACTION AND THEN MULTIPLY

$$\frac{2}{1} \cdot \frac{6}{1} = \frac{12}{1} = 12$$