

a) $\frac{\text{miles}}{\text{minute}} \quad \frac{4}{45} = \frac{x}{30} \quad 4 \cdot 30 \div 45 = 2\frac{2}{3} \text{ miles}$

b) $\frac{\text{miles}}{\text{hour}} \quad \frac{52}{1} = \frac{x}{3\frac{1}{2}} \quad 182 \text{ miles}$

c) $\frac{\text{pounds}}{\text{week}} \quad \frac{4}{1} = \frac{x}{20} \quad 80 \text{ lbs}$

d) $\frac{\text{miles}}{\text{gallons}} \quad \frac{35}{1} = \frac{525}{x} \quad 15 \text{ gal.}$

e) $\frac{\text{win games}}{5} = \frac{x}{15} \quad \text{win 3 games loose 12}$

f) $\frac{\text{miles}}{\text{hour}} \quad \frac{182}{3} = \frac{1098}{x} \quad 18.099 \text{ hours}$

g) $\frac{\text{pounds seed}}{\text{square feet}} \quad \frac{6}{150} = \frac{x}{200} \quad 8 \text{ lbs seed}$

h) $\frac{\text{sugar}}{\text{pieces}} \quad \frac{1\frac{1}{2}}{64} = \frac{x}{192} \quad 4\frac{1}{2} \text{ lbs sugar}$

i) $\frac{\text{cars}}{\text{hour}} \quad \frac{3}{1\frac{1}{2}} = \frac{10}{x} \quad 5 \text{ hours} \quad \text{j) } \frac{\text{points}}{\text{game}} \quad \frac{28}{\frac{1}{2}} = \frac{x}{10} \quad 560 \text{ points}$

k) $\frac{\text{cm}}{\text{inches}} \quad \frac{2.54}{1} = \frac{x}{15} \quad 38.1 \text{ cm} \quad \text{l) } \frac{\text{cm}}{\text{inches}} \quad \frac{2.54}{1} = \frac{15}{x} \quad 5.91 \text{ in}$

m) $\frac{\text{feet}}{\text{inches}} \quad \frac{1}{12} = \frac{x}{42} \quad 3.5 \text{ ft} \quad \text{n) } \frac{\text{crates}}{\text{days}} \quad \frac{142}{1} = \frac{1000}{x} \quad 7.04 \text{ days}$

o) $\frac{\text{sq in}}{\text{sq ft}} \quad \frac{144}{1} = \frac{x}{15} \quad 2160 \text{ sq in.} \quad \text{p) } \frac{\text{miles}}{\text{gal}} \quad \frac{21}{1} = \frac{x}{10} = 210 \text{ miles}$