

How Many?

1. How many inches are in a mile?

$$\frac{12 \text{ in}}{1 \text{ ft}} \times \frac{5,280 \text{ ft}}{1 \text{ mi}} = \frac{\text{in}}{1 \text{ mi}}$$

2. How many minutes are in a year?

$$\frac{60 \text{ min}}{1 \text{ hr}} \times \frac{24 \text{ hrs}}{1 \text{ day}} \times \frac{365 \text{ days}}{1 \text{ yr}} = \frac{\text{min}}{1 \text{ yr}}$$

How Many?

3. How many inches are in 16 miles?

$$\frac{16}{16} \times \frac{\text{in}}{\cancel{\text{ft}}} \times \frac{\cancel{\text{ft}}}{\text{mi}} = \frac{\text{in}}{16 \text{ mi}}$$

4. How many minutes are in 2 years?

$$\frac{2}{2} \times \frac{\text{yr}}{1 \text{ hr}} \times \frac{1 \text{ day}}{1 \text{ day}} \times \frac{1 \text{ yr}}{\text{yr}} = \frac{\text{min}}{2 \text{ yrs}}$$

How Many?

5. How many cents are in \$10,000?

$$\underline{\hspace{2cm}} \times \frac{\text{0}}{\text{\$/}} = \frac{\text{¢}}{\text{\$10,000}}$$

6. How many pancakes are in a stack 4 miles high?

$$\frac{4}{\text{4}} \times \frac{\text{pc}}{\text{mi}} = \frac{\text{pc}}{4 \text{ mi}}$$

How Many? (Answers: a Billion!)

7. How many hamburgers would circle the Earth 2 1/2 times?

$$\frac{2\frac{1}{2}}{1} \times \frac{1 \text{ circle}}{2\frac{1}{2} \text{ circles}} = \frac{h}{1}$$

8. How many silver dollars would be in a roll from Detroit to Salt Lake City?

$$\frac{1500 \text{ mi}}{1500 \text{ mi}} = \frac{SD}{1}$$

9. How many cents in \$10 Million?

$$\frac{10^7 \text{ \$}}{10^5 \text{ \$}} = \frac{\phi}{100}$$

10. How many seconds in 32 years?

$$\frac{32 \text{ yrs}}{1} = \frac{sec}{1}$$