

1. Convert 3 feet to inches.

$$3 \text{ ft} \times (12 \text{ in} / 1 \text{ ft})$$

**Answer: 36 in**

2. Convert 48 inches to feet.

$$48 / 12$$

**Answer: 4 ft**

3. Convert 5 kilometers to meters.

$$5 \times 1000$$

**Answer: 5000 m**

4. Convert 2.5 hours to minutes.

$$2.5 \times 60$$

**Answer: 150 min**

5. Convert 90 minutes to hours.

$$90 / 60$$

**Answer: 1.5 hr**

6. Convert 4 pounds to ounces.

$$4 \times 16$$

**Answer: 64 oz**

7. 60 miles per hour = ? miles per minute.

$$60 \text{ mi/hr} \times (1 \text{ hr} / 60 \text{ min})$$

**Answer: 1 mile per minute**

8. \$18 per hour = ? per 40-hour week.

$$18 \times 40$$

**Answer: \$720**

9. 30 miles per hour = ? feet per second. ★ challenge

$$30 \times 5280 = 158,400 \text{ ft/hr}$$

$$/ 3600 \text{ sec}$$

**Answer: 44 ft/sec**

10. A heart beats 72 times per minute. Beats per day? ★ challenge

$$72 \times 60 = 4320 \text{ per hour}$$

$$\times 24$$

**Answer: 103,680 per day**