

Name _____ Date _____

1. Solve. The first one is done for you.

<p>a. Convert weeks to days.</p> $\begin{aligned} 6 \text{ weeks} &= 6 \times (1 \text{ week}) \\ &= 6 \times (7 \text{ days}) \\ &= 42 \text{ days} \end{aligned}$	<p>b. Convert years to days.</p> $\begin{aligned} 7 \text{ years} &= \underline{\hspace{2cm}} \times (\underline{\hspace{2cm}} \text{ year}) \\ &= \underline{\hspace{2cm}} \times (\underline{\hspace{2cm}} \text{ days}) \\ &= \underline{\hspace{2cm}} \text{ days} \end{aligned}$
<p>c. Convert meters to centimeters.</p> $\begin{aligned} 4.5 \text{ m} &= \underline{\hspace{2cm}} \times (\underline{\hspace{2cm}} \text{ m}) \\ &= \underline{\hspace{2cm}} \times (\underline{\hspace{2cm}} \text{ cm}) \\ &= \underline{\hspace{2cm}} \text{ cm} \end{aligned}$	<p>d. Convert pounds to ounces.</p> 12.6 pounds
<p>e. Convert kilograms to grams.</p> 3.09 kg	<p>f. Convert yards to inches.</p> 245 yd

2. After solving, write a statement to express each conversion. The first one is done for you.

- a. Convert the number of hours in a day to minutes.

$$\begin{aligned}24 \text{ hours} &= 24 \times (1 \text{ hour}) \\&= 24 \times (60 \text{ minutes}) \\&= 1,440 \text{ minutes}\end{aligned}$$

One day has 24 hours, which is the same as 1,440 minutes.

- b. A newborn giraffe weighs about 65 kilograms. How much does it weigh in grams?

- c. The average height of a female giraffe is 4.6 meters. What is her height in centimeters?

- d. The capacity of a beaker is 0.1 liter. Convert this to milliliters.

- e. A pig weighs 9.8 pounds. Convert the pig's weight to ounces.

- f. A marker is 0.13 meters long. What is the length in millimeters?