

Name \_\_\_\_\_

Date \_\_\_\_\_

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

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

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

<p>a. Convert the number of hours in a day to minutes.</p> $\begin{aligned}24 \text{ hours} &= 24 \times (1 \text{ hour}) \\ &= 24 \times (60 \text{ minutes}) \\ &= 1,440 \text{ minutes}\end{aligned}$ <p>One day has 24 hours, which is the same as 1,440 minutes.</p>	<p>b. A newborn giraffe weighs about 65 kilograms. How much does it weigh in grams?</p>
<p>c. The average height of a female giraffe is 4.6 meters. What is her height in centimeters?</p>	<p>d. The capacity of a beaker is 0.1 liter. Convert this to milliliters.</p>
<p>e. A pig weighs 9.8 pounds. Convert the pig's weight to ounces.</p>	<p>f. A marker is 0.13 meters long. What is the length in millimeters?</p>