

Name \_\_\_\_\_

Date \_\_\_\_\_

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

<p>a. Convert weeks to days.</p> <p>8 weeks = <math>8 \times (1 \text{ week})</math></p> <p>= <math>8 \times (7 \text{ days})</math></p> <p>= 56 days</p>	<p>b. Convert years to days.</p> <p>4 years = _____ <math>\times</math> ( _____ year)</p> <p>= _____ <math>\times</math> ( _____ days)</p> <p>= _____ days</p>
<p>c. Convert meters to centimeters.</p> <p>9.2 m = _____ <math>\times</math> ( _____ m)</p> <p>= _____ <math>\times</math> ( _____ cm)</p> <p>= _____ cm</p>	<p>d. Convert yards to feet.</p> <p>5.7 yards</p>
<p>e. Convert kilograms to grams.</p> <p>6.08 kg</p>	<p>f. Convert pounds to ounces.</p> <p>12.5 pounds</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> $24 \text{ hours} = 24 \times (1 \text{ hour})$ $= 24 \times (60 \text{ minutes})$ $= 1,440 \text{ minutes}$ <p>One day has 24 hours, which is the same as 1,440 minutes.</p>	<p>b. A small female gorilla weighs 68 kilograms. How much does she weigh in grams?</p>
<p>c. The height of a man is 1.7 meters. What is his height in centimeters?</p>	<p>d. The capacity of a syringe is 0.08 liters. Convert this to milliliters.</p>
<p>e. A coyote weighs 11.3 pounds. Convert the coyote's weight to ounces.</p>	<p>f. An alligator is 2.3 yards long. What is the length of the alligator in inches?</p>