

NAME \_\_\_\_\_

DATE \_\_\_\_\_

**Conversion Tables** page 1 of 2

- 1 Complete the table below and record at least two mathematical observations about the rule and relationship between the measurement conversions.

Meters (m)	Centimeters (cm)
1 m	100 cm
2 m	
	300 cm
4 m	
	500 cm
	600 cm
7 m	

I noticed:

- 2 A very large bag of frozen vegetables weighs 64 ounces (oz.). How many pounds (lb.) is this? Create a table to show your thinking.

Ounces (oz.)	Pounds (lb.)
16 oz.	1 lb.

Show your thinking another way.

*(continued on next page)*

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- 3** Solve the conversion problems below. Show your work for each one.

6 ft 7 in = _____ in	30 ft = _____ yd _____ ft
1 yd 2 ft = _____	32 in = _____ ft _____ in
2 ft 4 in = _____ in	8 ft 6 in = _____ inches

- 4** Draw a line from each statement on the left to the multiplication equation on the right that matches. Then solve the multiplication equation.

My sister is 4 feet tall. Her height in inches is 12 times as much as 4.  $100 \times 3 = \underline{\hspace{2cm}}$

My cat weighs 12 pounds. His weight in ounces is 16 times as much as 12.  $12 \times 4 = \underline{\hspace{2cm}}$

Our rug is 3 meters wide. Its width in centimeters is 100 times as much as 3.  $16 \times 12 = \underline{\hspace{2cm}}$

- 5** **CHALLENGE** There are 5,280 feet in a mile. Write your own comparison statement to match this multiplication equation:  $5,280 \times 24$ . Then solve the equation.