Complete.

1 75 cm = _____ m   **2** 802 cm = _____ m

3 251 km = 251,000 _____   **4** 0.95 mm = _____ cm

5 0.46 cm = _____ mm   **6** 32 m = _____ mm

7 58 mm = _____ m   **8** 2,581 m = _____ km

9 35.6 mm = _____ cm   **10** 2.92 cm = 29.2 _____

Solve.

11 Jason ran 325 meters farther than Kim ran. Kim ran
4.2 kilometers. How many meters did Jason run? Estimate
to check your answer.

_____

Estimate: _____

12 On each of 3 days, Derrick rode 6.45 km to school,
150 meters to the library, and then 500 meters back home.
How many kilometers did he ride for the 3 days altogether?

_____

13 Lisa wants to frame her little brother's drawing as a gift to
her mother. The rectangular drawing is 43.5 centimeters
by 934 millimeters. How many centimeters of wood
framing will she need?

_____

14 Marguerite is building a box from strips of wood. She needs
78 pieces of wood that are each 29 centimeters long. The
wood comes in boards that are 6 meters long. How many
boards will she need? Explain.

_____

_____

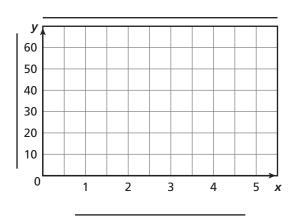_____

Multiply.

1 89
  $\times\ 7$

2 221
  $\times\ 3$

3 6,077
  $\times\ 6$

4 77
  $\times\ 65$

Suppose a plant grows at the rate shown in the table.
Use the table to complete Exercises 5 and 6.

Growth of a Plant	
Age (weeks)	Height (cm)
0	0
1	10
2	20
3	30
4	40

5 Write five ordered pairs that the data represent.

_____

6 Graph the ordered pairs. What does each axis of the
graph represent? Title the graph and label each axis.

_____

_____

7 **Stretch Your Thinking** Find the sum of 130 cm and
50 mm in meters. Show your work.

_____

_____

Metric Units of Length