

**Homework****Complete.**

1.  $75 \text{ cm} = \underline{\hspace{2cm}} \text{ m}$

2.  $802 \text{ cm} = \underline{\hspace{2cm}} \text{ m}$

3.  $251 \text{ km} = 251,000 \underline{\hspace{2cm}}$

4.  $0.95 \text{ mm} = \underline{\hspace{2cm}} \text{ cm}$

5.  $0.46 \text{ cm} = \underline{\hspace{2cm}} \text{ mm}$

6.  $32 \text{ m} = \underline{\hspace{2cm}} \text{ mm}$

7.  $58 \text{ mm} = \underline{\hspace{2cm}} \text{ m}$

8.  $2,581 \text{ m} = \underline{\hspace{2cm}} \text{ km}$

9.  $35.6 \text{ mm} = \underline{\hspace{2cm}} \text{ cm}$

10.  $2.92 \text{ cm} = 29.2 \underline{\hspace{2cm}}$

**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.

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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?

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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?

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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.

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## Remembering

Multiply.

$$\begin{array}{r} 1. \quad 89 \\ \times 7 \\ \hline \end{array}$$

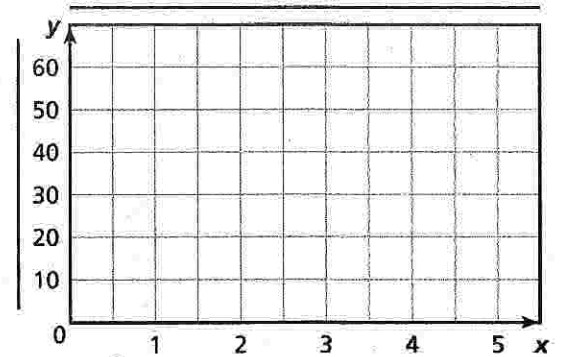
$$\begin{array}{r} 2. \quad 221 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 6,077 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 77 \\ \times 65 \\ \hline \end{array}$$

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.

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

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

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