

Chapter

12

Conversion of Measurements

Practice 1 Length

Complete.

Example

$$6 \text{ m } 55 \text{ cm} \begin{cases} \boxed{6} \text{ m} = \underline{600} \text{ cm} \\ \boxed{55} \text{ cm} \end{cases}$$

$$\begin{aligned} 6 \text{ m } 55 \text{ cm} &= \underline{600} \text{ cm} + \underline{55} \text{ cm} \\ &= \underline{655} \text{ cm} \end{aligned}$$



1.

$$7 \text{ m } 70 \text{ cm} \begin{cases} \boxed{} \text{ m} = \underline{} \text{ cm} \\ \boxed{} \text{ cm} \end{cases}$$

$$\begin{aligned} 7 \text{ m } 70 \text{ cm} &= \underline{} \text{ cm} + \underline{} \text{ cm} \\ &= \underline{} \text{ cm} \end{aligned}$$

2.

$$8 \text{ m } 1 \text{ cm} \begin{cases} \boxed{} \text{ m} = \underline{} \text{ cm} \\ \boxed{} \text{ cm} \end{cases}$$

$$\begin{aligned} 8 \text{ m } 1 \text{ cm} &= \underline{} \text{ cm} + \underline{} \text{ cm} \\ &= \underline{} \text{ cm} \end{aligned}$$

Write in centimeters.

3. $6\text{ m } 96\text{ cm} = \underline{\hspace{2cm}}\text{ cm} + \underline{\hspace{2cm}}\text{ cm} = \underline{\hspace{2cm}}\text{ cm}$

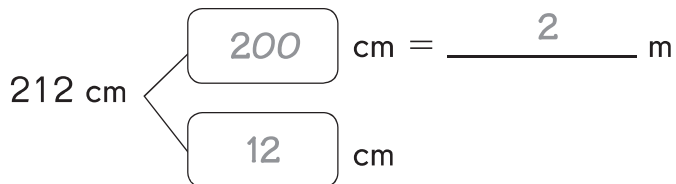
4. $8\text{ m } 90\text{ cm} = \underline{\hspace{2cm}}\text{ cm} + \underline{\hspace{2cm}}\text{ cm} = \underline{\hspace{2cm}}\text{ cm}$

5. $9\text{ m } 20\text{ cm} = \underline{\hspace{2cm}}\text{ cm} + \underline{\hspace{2cm}}\text{ cm} = \underline{\hspace{2cm}}\text{ cm}$

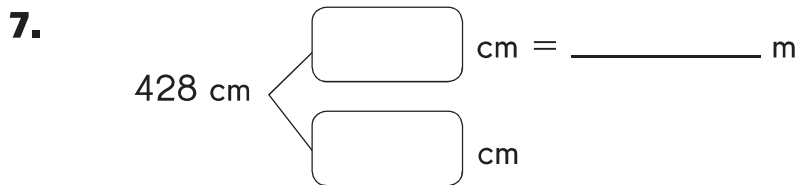
6. $9\text{ m } 2\text{ cm} = \underline{\hspace{2cm}}\text{ cm} + \underline{\hspace{2cm}}\text{ cm} = \underline{\hspace{2cm}}\text{ cm}$

Complete.

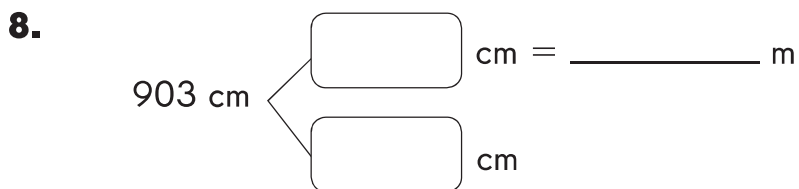
Example



$212\text{ cm} = \underline{2}\text{ m } \underline{12}\text{ cm}$



$428\text{ cm} = \underline{\hspace{2cm}}\text{ m } \underline{\hspace{2cm}}\text{ cm}$



$903\text{ cm} = \underline{\hspace{2cm}}\text{ m } \underline{\hspace{2cm}}\text{ cm}$

Name: _____

Date: _____

Write in meters and centimeters.

9. $123 \text{ cm} = \underline{\hspace{2cm}} \text{ cm} + \underline{\hspace{2cm}} \text{ cm} = \underline{\hspace{2cm}} \text{ m} \underline{\hspace{2cm}} \text{ cm}$

10. $390 \text{ cm} = \underline{\hspace{2cm}} \text{ cm} + \underline{\hspace{2cm}} \text{ cm} = \underline{\hspace{2cm}} \text{ m} \underline{\hspace{2cm}} \text{ cm}$

11. $365 \text{ cm} = \underline{\hspace{2cm}} \text{ cm} + \underline{\hspace{2cm}} \text{ cm} = \underline{\hspace{2cm}} \text{ m} \underline{\hspace{2cm}} \text{ cm}$

12. $909 \text{ cm} = \underline{\hspace{2cm}} \text{ cm} + \underline{\hspace{2cm}} \text{ cm} = \underline{\hspace{2cm}} \text{ m} \underline{\hspace{2cm}} \text{ cm}$

Fill in the blanks.

Color the banner with the longest measurement.

Example



$550 \text{ cm} = 500 \text{ cm} + 50 \text{ cm} = 5 \text{ m } 50 \text{ cm}$

13. $2 \text{ m } 40 \text{ cm} = \underline{\hspace{2cm}} \text{ cm} + \underline{\hspace{2cm}} \text{ cm} = \underline{\hspace{2cm}} \text{ cm}$

14. $4 \text{ m } 60 \text{ cm} = \underline{\hspace{2cm}} \text{ cm} + \underline{\hspace{2cm}} \text{ cm} = \underline{\hspace{2cm}} \text{ cm}$

15. $101 \text{ cm} = \underline{\hspace{2cm}} \text{ cm} + \underline{\hspace{2cm}} \text{ cm}$
 $= \underline{\hspace{2cm}} \text{ m } \underline{\hspace{2cm}} \text{ cm}$

Color the boxes with equal measurements.

16.

17.

18.

19.

Complete.

Example

$$\begin{array}{l} 7 \text{ km } 111 \text{ m} \left\{ \begin{array}{l} \boxed{7} \text{ km} = \underline{7,000} \text{ m} \\ \boxed{111} \text{ m} \end{array} \right. \\ \\ 7 \text{ km } 111 \text{ m} = \underline{7,000} \text{ m} + \underline{111} \text{ m} \\ = \underline{7,111} \text{ m} \end{array}$$

20. $5 \text{ km } 26 \text{ m} \left\{ \begin{array}{l} \boxed{} \text{ km} = \underline{} \text{ m} \\ \boxed{} \text{ m} \end{array} \right.$

$$5 \text{ km } 26 \text{ m} = \underline{} \text{ m} + \underline{} \text{ m}$$
$$= \underline{} \text{ m}$$