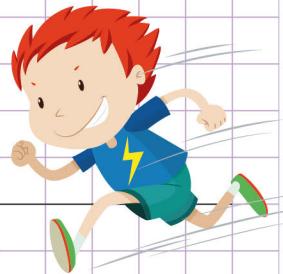


Name: ..... Class: .....

Convert metric units involving decimals

Convert the following. Write your answers as a decimal or whole numbers.

1. 3.65 liters to milliliters.



2. 33.5 meters to centimeters

3.  $47 \text{ mm} = \boxed{\phantom{00}} \text{ meters}$

4.  $24 \text{ centiliters} = \boxed{\phantom{00}} \text{ Liters}$

5.  $\boxed{\phantom{000}} \text{ g} = 0.0033 \text{ kg}$

6.  $\boxed{\phantom{00}} \text{ centigrams} = 48 \text{ milligram}$

7.  $\boxed{\phantom{00}} \text{ deciliters} = 8.2 \text{ centiliters}$

8.  $\boxed{\phantom{000}} \text{ milligrams} = 60.8275 \text{ grams}$

9.  $\boxed{\phantom{00}} \text{ kiloliter} = 9.420 \text{ liters}$

10.  $47 \text{ mm} = \boxed{\phantom{000}} \text{ km}$

Name: ..... Class: .....

## Convert metric units involving decimals

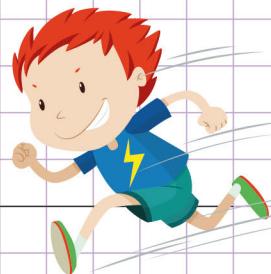
Convert the following. Write your answers as a decimal or whole numbers.

1. 3.65 liters to milliliters.

If 1 liter = 1,000 milliliters,

$$\begin{aligned} \text{Then, } 3.65 \text{ liters} &= (1000 \times 3.65) \text{ milliliters} \\ &= 3,650 \text{ milliliters} \end{aligned}$$

So, 3.65 liters = 3,650 milliliters



2. 33.5 meters to centimeters

If 1 meter = 100 centimeters,

$$\begin{aligned} \text{Then, } 33.5 \text{ meters} &= (33.5 \times 100) \text{ centimeters} \\ &= 3,350 \text{ centimeters} \end{aligned}$$

So, 33.5 meters = 3,350 centimeters

3.  $47 \text{ mm} = \boxed{0.047} \text{ meters}$

4.  $24 \text{ centiliters} = \boxed{0.24} \text{ Liters}$

5.  $\boxed{3.3} \text{ g} = 0.0033 \text{ kg}$

6.  $\boxed{4.8} \text{ centigrams} = 48 \text{ milligram}$

7.  $\boxed{0.82} \text{ deciliters} = 8.2 \text{ centiliters}$

8.  $\boxed{60,827.5} \text{ milligrams} = 60.8275 \text{ grams}$

9.  $\boxed{0.00942} \text{ kiloliter} = 9.420 \text{ liters}$

10.  $47 \text{ mm} = \boxed{0.000047} \text{ km}$