

Name: Class:

Convert metric mixed units

Convert and fill in the following mixed metric units.

a. 967 deciliters = _____ liters _____ deciliters

b. 2 m 100 cm = _____ m



c. 4,799 m =

d. 17 l 676 ml =

e. 19,300 l =

f. 27 kg 6,480 g =

g. 17 dm 59 mm =

h. 79 m 406 cm =



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Convert metric mixed units

Convert and fill in the following mixed metric units.

a. 967 deciliters = _____ liters _____ deciliters

Let's convert from deciliters to liters.

If 10 deciliters = 1 liter

then, 967 deciliters = $967/10 = 10$

$$\begin{array}{r} 96 \\ \hline 967 \\ - 90 \downarrow \\ \hline 67 \\ - 60 \\ \hline 7 \end{array}$$

So, 967 deciliters = 96 liters 7 deciliters.

b. 2 m 100 cm = _____ m

Let's convert cm to m.

We know that, 100 cm = 1 m

Now, let's add 2 m to 1 m

$2 \text{ m} + 1 \text{ m} = 3 \text{ m}$

So, 100 cm = 1 m.



c. 4,799 m =

4 km 799 m

d. 17 l 676 ml =

17,676 ml

e. 19,300 l =

19 kl 3 l

f. 27 kg 6,480 g =

33,480 g

g. 17 dm 59 mm =

17.059 dm

h. 79 m 406 cm =

80.06 m

