



Worksheet

Grade 7 - Mathematics

Chapter 11 - Conversion of Metric Measures

A. Choose the correct option.

1) $1 \text{ dm} = \underline{\hspace{2cm}}$.

- a) 0.1 cm b) 10 cm c) 100 cm d) 10 m

2) $1 \text{ dam} = \underline{\hspace{2cm}}$.

- a) 0.1 m b) 10 m c) 100 m d) 1000 m

3) $0.1 \text{ L} = \underline{\hspace{2cm}}$.

- a) 1 dL b) 10 dL c) 10 mL d) 100 cL

4) $100 \text{ mg} = \underline{\hspace{2cm}}$.

- a) 1 cg b) 1 dg c) 1 g d) 1 kg

5) Which of these is the largest unit?

- a) hg b) dg c) cg d) dag

B. Fill in the blanks using $<$, $=$ or $>$.

1) $1\text{m} \underline{\hspace{1cm}} 100 \text{ dm}$

2) $100\text{m} \underline{\hspace{1cm}} 10 \text{ hm}$

3) $1000 \text{ mm} \underline{\hspace{1cm}} 10\text{cm}$

4) $10 \text{ dam} \underline{\hspace{1cm}} 10\text{dm}$

5) $100 \text{ cm} \underline{\hspace{1cm}} 1\text{m}$

B. Fill in the blanks

1) $1\text{kg} + 200\text{g} = \underline{\hspace{2cm}} \text{kg}$

2) $2\text{kg} + 2\text{g} = \underline{\hspace{2cm}} \text{g}$

3) $10 \text{ dm} + 10 \text{ cm} = \underline{\hspace{2cm}} \text{ cm}$

4) $10 \text{ mm} + 10 \text{ cm} = \underline{\hspace{2cm}} \text{ mm}$

4) $10 \text{ ml} + 10 \text{ cL} = \underline{\hspace{2cm}} \text{ cL}$

6) $1 \text{ L} + 1 \text{ dL} = \underline{\hspace{2cm}} \text{ dL}$

7) $10 \text{ dm} + 10 \text{ dac} = \underline{\hspace{2cm}} \text{ cm}$

8) $10 \text{ kg} + 10 \text{ hg} = \underline{\hspace{2cm}} \text{ kg}$

9) $1 \text{ hg} + 1 \text{ kg} = \underline{\hspace{2cm}} \text{ dag}$

10) $100 \text{ mm} + 100 \text{ cm} = \underline{\hspace{2cm}} \text{ m}$

C. Answer the following questions.

1) Add and give answer in the measures given.

a) $2.5 \text{ kg} + 600 \text{ g}$ (in kg)

b) $250 \text{ g} + 200 \text{ cg}$ (in g)

c) $100 \text{ kg} + 1 \text{ hg}$ (in kg)

2) Subtract and give answer in the measures given.

a) $2.2 \text{ kL} - 500 \text{ L}$ (in L)

b) $300 \text{ L} - 400 \text{ cL}$ (in cL)

c) $1 \text{ hL} - 100 \text{ cL}$ (in L)

3) Multiply

a) $200 \text{ mg} \times 12$ (in kg)

b) $150 \text{ cL} \times 50$ (in g)

c) $320 \text{ mm} \times 10$ (cm)

4) Divide

a) $2 \text{ L} \div 100 \text{ g}$ (ml)

b) $5 \text{ kg} \div 100 \text{ cg}$ (in cg)

c) $20 \text{ km} \div 100$ (in m)