



Worksheet 5 / Units of measurement and simplifying ratios |

Lower Secondary
Stage (6-8)

1st Semester | 2024-2025

Subject: Math

Chapter: 12

Objectives:

- To review how to convert units and simplify ratios.

Question 1: Complete:

- a) $0.85 \text{ km} = \underline{\hspace{2cm}} \text{ m}$
- b) $600 \text{ min} = \underline{\hspace{2cm}} \text{ hours}$
- c) $2340 \text{ ml} = \underline{\hspace{2cm}} \text{ litres}$
- d) $8560000 \text{ m}^2 = \underline{\hspace{2cm}} \text{ km}^2$
- e) $5.12 \text{ m}^3 = \underline{\hspace{2cm}} \text{ cm}^3$
- f) $76000000 \text{ m}^3 = \underline{\hspace{2cm}} \text{ km}^3$
- g) $14 \text{ cm}^2 = \underline{\hspace{2cm}} \text{ mm}^2$

Question 2: write each ratio in the simplest form:

- a) $25 : 40$

Answer: :

- b) $12 : 36 : 60$

Answer: : :

c) $5.5 : 4 : 0.25$

Answer: : :

d) $3 \text{ hours} : 240 \text{ min}$

Answer: :

e) $0.075 \text{ t} : 125 \text{ kg}$

Answer: :

f) $1.4 : \frac{4}{5}$

Answer: :

g) $0.8 : 30\% : \frac{8}{25}$

Answer: : :

h) $\frac{5}{6} : \frac{3}{4} : 1\frac{2}{3}$

Answer: : :