

NAME

QUARTER 2

GRADE & SECTION

DATE

Activity: Measurement Conversion

A. Convert each metric measurement. Do not use commas/spaces in your answers and place necessary zeroes in the final answer.

example: $4.27 \text{ cm} = 0.0427 \text{ m}$

$$11.3 \text{ km} = 11300 \text{ m}$$

1) $23 \text{ dL} = \text{ } \text{mL}$

2) $8 \text{ mg} = \text{ } \text{g}$

3) $6.4 \text{ cg} = \text{ } \text{hg}$

4) $0.81 \text{ kL} = \text{ } \text{L}$

5) $484 \text{ mm} = \text{ } \text{m}$

B. Convert each measurement by placing the correct factors and writing/typing the equivalent measure.

$$1440 \text{ inches} \cdot \frac{1 \text{ foot}}{12 \text{ inches}} \cdot \frac{1 \text{ yard}}{3 \text{ feet}} = 40 \text{ yards}$$

1) $15 \text{ yards} \cdot \text{ } \cdot \text{ } = \text{ } \text{inches}$

2) $5 \text{ days} \cdot \text{ } \cdot \text{ } = \text{ } \text{minutes}$

3) $7200 \text{ seconds} \cdot \text{ } \cdot \text{ } = \text{ } \text{hours}$

$$\frac{1 \text{ hour}}{60 \text{ mins}}$$

$$\frac{60 \text{ mins}}{1 \text{ hour}}$$

$$\frac{1 \text{ min}}{60 \text{ secs}}$$

$$\frac{24 \text{ hours}}{1 \text{ day}}$$

$$\frac{12 \text{ inches}}{1 \text{ foot}}$$

$$\frac{3 \text{ feet}}{1 \text{ yard}}$$