



Answer these problems carefully following the procedure you were taught.

You may refer to your class notes for guidance. Write your answers properly and clearly and remember to label them.

Add the following and give your answer in terms of the smallest unit.

$$1) 385 \text{ dm} + 0.79 \text{ dam} + 452 \text{ cm} = \underline{13,202} \text{ cm}$$

Handwritten conversions: 3850 cm, 7900 cm

$$2) 62.7 \text{ hL} + 2900 \text{ L} + 1.44 \text{ kL} = \underline{10,610} \text{ L}$$

Handwritten conversions: 6270, 1440 L

$$3) 5.21 \text{ g} + 0.0223 \text{ hg} + 18 \text{ dg} = \underline{92.4} \text{ dg}$$

Handwritten conversions: 52.1 dg, 22.3 dg

Subtract the following and give your answer in terms of the smallest unit.

$$4) 607,000 \text{ mm} - 16.5 \text{ dam} = \underline{442,000} \text{ mm}$$

Handwritten conversion: 165,000 mm

$$5) 3.1 \text{ L} - 264 \text{ cL} = \underline{46} \text{ cL}$$

Handwritten conversion: 310 cL

$$6) 8120 \text{ dg} - 5.9 \text{ hg} = \underline{2,720} \text{ dg}$$

Handwritten conversion: 5900 dg

Multiply the following and give your answer in terms of the BASE unit of measurement.

$$7) 63.2 \text{ cm} \times 85 = \underline{53,720} \text{ m}$$

Handwritten conversion: 0.632 m

$$8) 0.97 \text{ daL} \times 140 = \underline{1358.0} \text{ L}$$

Handwritten conversion: 9.7

$$9) 36,000 \text{ mg} \times 6 = \underline{216} \text{ g}$$

Handwritten conversion: 36

Divide the following and give your answer in terms of the BASE unit of measurement.

$$10) 1.32 \text{ km} / 4 = \underline{330} \text{ m}$$

Handwritten conversion: 1320 m

$$11) 58,200 \text{ dL} / 12 = \underline{48500} \text{ L}$$

Handwritten conversion: 582000

$$12) 40.5 \text{ hg} / 15 = \underline{270} \text{ g}$$

Handwritten conversion: 4050 g