



# GRADE 6-7

## UNITS



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**Unit: Addition and Subtraction of numbers with different unit length**

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Name : \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Time: \_\_\_\_\_ - \_\_\_\_\_

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10 kilometers + 5 meters = \_\_\_\_\_ meters

3 meters + 2 centimeters = \_\_\_\_\_ decimeters

$2\frac{4}{5}$  hectometers + 8 decameters = \_\_\_\_\_ meters

6.5 yards + 3 feet = \_\_\_\_\_ feet

$\frac{78}{100}$  mile + 4.5 yards = \_\_\_\_\_ yards

1.25 feet + 9 inches = \_\_\_\_\_ inches

9 meters + 7 decimeters = \_\_\_\_\_ inches

$\frac{3}{10}$  decimeter + 7.6 centimeters = \_\_\_\_\_ millimeters

4.089 kilometers + 0.75 hectometer = \_\_\_\_\_ meters

$4\frac{2}{3}$  yards + 9 feet = \_\_\_\_\_ in inches

**Unit: Addition and Subtraction of numbers with different unit volume**

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Name : \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Time: \_\_\_\_\_ - \_\_\_\_\_

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$$8 \text{ liters} + 5.2 \text{ deciliters} = \underline{\hspace{2cm}} \text{ centiliters}$$

$$9 \frac{1}{4} \text{ gallons} + 6 \text{ quarts} = \underline{\hspace{2cm}} \text{ pints}$$

$$7.3 \text{ pints} + 1.125 \text{ ounces} = \underline{\hspace{2cm}} \text{ drams}$$

$$\frac{17}{25} \text{ kiloliter} + 0.375 \text{ hectoliters} = \underline{\hspace{2cm}} \text{ liters}$$

$$2.456 \text{ liters} + 9.2 \text{ centiliters} = \underline{\hspace{2cm}} \text{ milliliters}$$

$$\frac{59}{128} \text{ gallon} + 2.3 \text{ ounces} = \underline{\hspace{2cm}} \text{ drams}$$

$$0.4126 \text{ decaliter} + \frac{83}{1000} \text{ liter} = \underline{\hspace{2cm}} \text{ milliliters}$$

$$3.9 \text{ quarts} + 7.36 \text{ pints} = \underline{\hspace{2cm}} \text{ ounces}$$

$$1.125 \text{ gills} + \frac{5}{8} \text{ ounce} = \underline{\hspace{2cm}} \text{ drams}$$

$$6 \text{ gallons} + 37.6 \text{ milliliters} = \underline{\hspace{2cm}} \text{ deciliters}$$

$$4 \frac{2}{3} \text{ yd} + 9 \text{ ft} = \underline{\hspace{2cm}} \text{ in}$$

**Unit: Addition and Subtraction of numbers with different unit weight**

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Name : \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Time: \_\_\_\_\_ - \_\_\_\_\_

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$$2.9 \text{ decagrams} + 10 \text{ centigrams} = \underline{\hspace{2cm}} \text{ decigrams}$$

$$8 \frac{5}{7} \text{ kilograms} + 3 \text{ ounces} = \underline{\hspace{2cm}} \text{ ounces}$$

$$1520 \text{ grams} + \frac{73}{1000} \text{ kilogram} = \underline{\hspace{2cm}} \text{ decagrams}$$

$$92 \text{ milligrams} + 0.16 \text{ gram} = \underline{\hspace{2cm}} \text{ centigrams}$$

$$4 \text{ hectograms} + 2.37 \text{ pounds} = \underline{\hspace{2cm}} \text{ ounces}$$

$$\frac{59}{100} \text{ hectogram} + 4270 \text{ centigrams} = \underline{\hspace{2cm}} \text{ grams}$$

$$6.4 \text{ pounds} + 1.5 \text{ ounces} = \underline{\hspace{2cm}} \text{ ounces}$$

$$750 \text{ grams} + 9 \frac{3}{4} \text{ ounces} = \underline{\hspace{2cm}} \text{ pounds}$$

$$\frac{3}{8} \text{ kilogram} + 5.875 \text{ hectograms} = \underline{\hspace{2cm}} \text{ grams}$$

$$3216 \text{ ounces} + 6.6 \text{ pounds} = \underline{\hspace{2cm}} \text{ hectograms}$$

**Unit: Square unit conversion (unit of area)**

Name : \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Time: \_\_\_\_\_ - \_\_\_\_\_

$$1 \text{ km}^2 = \underline{\hspace{2cm}} \text{ m}^2$$

$$2 \text{ m}^2 = \underline{\hspace{2cm}} \text{ cm}^2$$

$$1 \text{ yd}^2 = \underline{\hspace{2cm}} \text{ ft}^2$$

$$1 \text{ ft}^2 = \underline{\hspace{2cm}} \text{ in}^2$$

$$5 \text{ ft}^2 = \underline{\hspace{2cm}} \text{ in}^2$$

$$0.3 \text{ dam}^2 = \underline{\hspace{2cm}} \text{ m}^2$$

$$\frac{1}{2} \text{ dm}^2 = \underline{\hspace{2cm}} \text{ mm}^2$$

$$0.25 \text{ ft}^2 = \underline{\hspace{2cm}} \text{ in}^2$$

$$\frac{1}{10} \text{ hm}^2 = \underline{\hspace{2cm}} \text{ dm}^2$$

$$\frac{1}{3} \text{ yd}^2 = \underline{\hspace{2cm}} \text{ in}^2$$

**Unit: Cube unit conversion (unit of volume)**

Name : \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Time: \_\_\_\_\_ - \_\_\_\_\_

$$1 \text{ m}^3 = \underline{\hspace{2cm}} \text{ dm}^3$$

$$5 \text{ dm}^3 = \underline{\hspace{2cm}} \text{ cm}^3$$

$$1 \text{ yd}^3 = \underline{\hspace{2cm}} \text{ ft}^3$$

$$2 \text{ ft}^3 = \underline{\hspace{2cm}} \text{ in}^3$$

$$0.4 \text{ cm}^3 = \underline{\hspace{2cm}} \text{ mm}^3$$

$$\frac{1}{3} \text{ m}^3 = \underline{\hspace{2cm}} \text{ cm}^3$$

$$0.11 \text{ ft}^3 = \underline{\hspace{2cm}} \text{ in}^3$$

$$\frac{1}{10} \text{ dam}^3 = \underline{\hspace{2cm}} \text{ dm}^3$$

$$6 \text{ mm}^3 = \underline{\hspace{2cm}} \text{ cm}^3$$

$$\frac{1}{2} \text{ yd}^3 = \underline{\hspace{2cm}} \text{ in}^3$$

**Unit: Addition and Subtraction of square or cube unit**

Name : \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Time: \_\_\_\_\_ - \_\_\_\_\_

$$5 \text{ dam}^2 + 3 \text{ m}^2 = \underline{\hspace{2cm}} \text{ m}^2$$

$$1 \text{ dm}^3 + 2 \text{ cm}^3 = \underline{\hspace{2cm}} \text{ mm}^3$$

$$8 \text{ ft}^2 + 4 \text{ in}^2 = \underline{\hspace{2cm}} \text{ in}^2$$

$$0.2 \text{ hm}^2 + 0.7 \text{ dam}^2 = \underline{\hspace{2cm}} \text{ m}^2$$

$$\frac{1}{10} \text{ mi}^2 + 10 \text{ yd}^2 = \underline{\hspace{2cm}} \text{ yd}^2$$

$$\frac{1}{2} \text{ cm}^2 + 0.2 \text{ dm}^2 = \underline{\hspace{2cm}} \text{ mm}^2$$

$$1.5 \text{ ft}^3 + 6 \text{ in}^3 = \underline{\hspace{2cm}} \text{ feet}^3$$

$$7 \text{ in}^2 + .5 \text{ cm}^2 = \underline{\hspace{2cm}} \text{ mm}^2$$

$$\frac{2}{11} \text{ km}^2 + 80 \text{ dam}^2 = \underline{\hspace{2cm}} \text{ hm}^2$$

$$0.3 \text{ m}^3 + 9 \text{ dm}^3 = \underline{\hspace{2cm}} \text{ m}^3$$

$$\frac{1}{4} \text{ yd}^2 + 4 \text{ ft}^2 = \underline{\hspace{2cm}} \text{ in}^2$$