

MATHEMATICS MODULE YEAR 5

DATE /DAY : 30 OGOS 2021 (MONDAY)

TITLE : MEASUREMENT

STANDARD OF CONTENT : MASS

STANDARD OF LEARNING : 5.2.1

PERFORMANCE STANDARDS :

Convert unit of measurement in decimal and fractions.

LEARNING OBJECTIVES :

Pupils can convert unit of mass involving gram and kilogram in fraction and vice versa.

REFERENCE : MATHEMATICS TEKS BOOKS PAGE 189-190

NOTES

1 kg → 1000 g kg × 1 000 ÷ 1 000 g	
CONTOH SOALAN	PENYELESAIAN
$2\frac{3}{4}$ kg = _____ g 2 750 g	Cara 1 $2\frac{3}{4} \text{ kg} = (2\frac{3}{4} \times 1000) \text{ g}$ $= 2750 \text{ g}$ $2\frac{3}{4} \text{ kg} = \mathbf{2750 \text{ g}}$ Cara 2 $2\frac{3}{4} \text{ kg} = 2 \text{ kg} + \frac{3}{4} \text{ kg}$ $= (2 \times 1000) \text{ g} + (\frac{3}{4} \times 1000) \text{ g}$ $= 2000 \text{ g} + 750 \text{ g}$ $= 2750 \text{ g}$
6 900 g = _____ kg $6\frac{9}{10}$ kg	$6900 \text{ g} = (\frac{6900}{1000}) \text{ kg}$ $= \frac{69}{10} \text{ kg}$ $= 6\frac{9}{10} \text{ kg}$
5 kg 700 g = _____ kg $5\frac{7}{10}$ kg	$5 \text{ kg } 700 \text{ g} = 5 \text{ kg} + (\frac{700}{1000}) \text{ kg}$ $= 5 \text{ kg} + \frac{7}{10} \text{ kg}$ $= 5\frac{7}{10} \text{ kg}$

INSTRUCTIONS:

PLEASE ANSWER THE EXERCISES IN PAGE 75 IN YOUR DLP BOOSTER BOOK, QUESTIONS 1 TO 6.

$$(a) \ 5 \text{ kg } 900 \text{ g} = 5 \frac{9}{10} \text{ kg}$$

$$(b) \ 3 \frac{1}{4} \text{ kg} = 3 \ 250 \text{ g}$$

$$\begin{aligned} 5 \text{ kg } 900 \text{ g} &= 5 \text{ kg} + \left(\frac{900}{1\ 000}\right) \text{ kg} \\ &= 5 \text{ kg} + \frac{9}{10} \text{ kg} \\ &= 5 \frac{9}{10} \text{ kg} \end{aligned}$$

$$\begin{aligned} 3 \frac{1}{4} \text{ kg} &= \left(\frac{13}{4} \times 1\ 000\right) \text{ g} \\ &= 3\ 250 \text{ g} \end{aligned}$$

$$1. \ 700 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$$

$$2. \ 12\ 500 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$$

$$\begin{aligned} 700 \div 1000 &= \left(\frac{700}{1000}\right) \\ &= \underline{\hspace{2cm}} \end{aligned}$$

$$\begin{aligned} 12500 \div 1000 &= \left(\frac{12500}{1000}\right) \\ &= \underline{\hspace{2cm}} \\ &= \underline{\hspace{2cm}} \end{aligned}$$

$$3. \ 1 \frac{3}{5} \text{ kg} = \underline{\hspace{2cm}} \text{ g}$$

$$4. \ 9 \frac{3}{4} \text{ kg} = \underline{\hspace{2cm}} \text{ g}$$

$$\begin{aligned} 1 \times 1000 &+ \frac{3}{5} \times 1000 \\ &+ \end{aligned}$$

$$\begin{aligned} 9 \times 1000 &+ \frac{3}{4} \times 1000 \\ &+ \end{aligned}$$

$$5. \ 16 \text{ kg } 200 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$$

$$6. \ 20 \text{ kg } 125 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$$

$$\begin{aligned} 16 \text{ kg} &+ \frac{200}{1000} \\ &+ \underline{\hspace{2cm}} \\ &\underline{\hspace{2cm}} \end{aligned}$$

$$\begin{aligned} 20 \text{ kg} &+ \frac{125}{1000} \\ &+ \underline{\hspace{2cm}} \\ &\underline{\hspace{2cm}} \end{aligned}$$