

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 ➔ g ÷ 1 000 ➔	
CONTOH SOALAN	PENYELESAIAN
$2\frac{3}{4}$ kg = _____ g 2 750 g	Cara 1 $2\frac{3}{4}$ kg = $(\frac{11}{4} \times \frac{250}{1000})$ g = 2 750 g Cara 2 $2\frac{3}{4}$ kg = 2 kg + $\frac{3}{4}$ kg = (2 × 1 000) g + $(\frac{3}{4} \times \frac{250}{1000})$ g = 2 000 g + 750 g = 2 750 g
6 900 g = _____ kg $6\frac{9}{10}$ kg	$6\ 900\ g = (\frac{6900}{1000})\ kg$ $= \frac{69}{10}\ kg$ $= 6\frac{9}{10}\ kg$
5 kg 700 g = _____ kg $5\frac{7}{10}$ kg	$5\ kg\ 700\ g = 5\ kg + (\frac{700}{1000})\ kg$ $= 5\ kg + \frac{7}{10}\ kg$ $= 5\frac{7}{10}\ kg$

INSTRUCTIONS:

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

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

$$\begin{aligned} 5 \text{ kg } 900 \text{ g} &= 5 \text{ kg} + \left(\frac{900}{1000}\right) \text{ kg} \\ &= 5 \text{ kg} + \frac{9}{10} \text{ kg} \\ &= 5 \frac{9}{10} \text{ kg} \end{aligned}$$

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

$$\begin{aligned} 3 \frac{1}{4} \text{ kg} &= \left(\frac{13}{4} \times 1000\right) \text{ g} \\ &= 3 \text{ 250 g} \end{aligned}$$

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

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

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

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

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

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

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

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

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

$$\begin{aligned} 16 \text{ kg} + \frac{200}{1000} \\ + \end{aligned}$$

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

$$\begin{aligned} 20 \text{ kg} + \frac{125}{1000} \\ + \end{aligned}$$