

DATE / DAY	:	1ST SEPT 2021 (WEDNESDAY)
TITLE	:	MEASUREMENT
CONTENT STANDARDS	:	Mass
STANDARD OF LEARNING :		5.2.2
PERFORMANCE STANDARDS	:	Describes steps to resolve sentences fractional and decimal mathematics involving measurements and Syllabus.
LEARNING OBJECTIVES :		Pupils can add up to three masses in fractions and decimal without and with a change of unit.
REFERENCE	:	MATHEMATICS TEXTBOOKS 5 PAGE 191 – 192

1 kg ➡ 1000 g kg ↕ g × 1 000 ↕ ÷ 1 000		
CONTOH SOALAN	PENYELESAIAN	
$3\frac{1}{8} \text{ kg} + 270 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$ 3.395 kg	Convert $3\frac{1}{8} \text{ kg}$ and 270g to decimal first $3\frac{1}{8} \text{ kg} = \frac{25}{8} \text{ kg}$ $\begin{array}{r} 3.125 \text{ kg} \\ 8 \overline{) 25.000} \\ \underline{-24} \\ 10 \\ \underline{-8} \\ 20 \\ \underline{-16} \\ 40 \\ \underline{-40} \\ 0 \end{array}$ $270 \text{ g} = \frac{270}{1000} \text{ kg}$ $= 0.27 \text{ kg}$ $3\frac{1}{8} \text{ kg} + 270 \text{ g}$ $= 3.125 \text{ kg} + 0.27 \text{ kg}$ $= 3.395 \text{ kg}$ $3\frac{1}{8} \text{ kg} + 270 \text{ g} = \mathbf{3.395 \text{ kg}}$	
$6.73 \text{ kg} + 1\,080 \text{ g} + 4\frac{9}{10} \text{ kg}$ $= \underline{\hspace{2cm}} \text{ kg}$ 12.71 kg	$6.73 \text{ kg} + 1\,080 \text{ g} + 4\frac{9}{10} \text{ kg} = 6.73 \text{ kg} + \frac{1\,080}{1000} \text{ kg} + 4.9 \text{ kg}$ $= 6.73 \text{ kg} + 1.08 \text{ kg} + 4.9 \text{ kg}$ $= 12.71 \text{ kg}$ $6.73 \text{ kg} + 1\,080 \text{ g} + 4\frac{9}{10} \text{ kg} = \mathbf{12.71 \text{ kg}}$ $\begin{array}{r} 6.73 \text{ kg} \\ 1.08 \text{ kg} \\ + 4.90 \text{ kg} \\ \hline 12.71 \text{ kg} \end{array}$	
$\frac{7}{8} \text{ kg} + 4.305 \text{ kg} + 945 \text{ g}$ $= \underline{\hspace{2cm}} \text{ g}$ 6 125 g	$\frac{7}{8} \text{ kg} + 4.305 \text{ kg} + 945 \text{ g} = (\frac{7}{8} \times 1\,000) \text{ g} + (4.305 \times 1\,000) \text{ g} + 945 \text{ g}$ $= 875 \text{ g} + 4\,305 \text{ g} + 945 \text{ g} = \mathbf{6\,125 \text{ g}}$	

INSTRUCTIONS :

PLEASE ANSWER THE EXERCISES PAGE 76 IN YOUR DLP BOOSTER BOOKS PART ADDITIONS 1 UNTIL 3

EXAMPLE

$$850 \text{ g} + 2\frac{3}{4} \text{ kg} = \underline{3.6} \text{ kg}$$

$$\begin{array}{r} 0.85 \text{ kg} \leftarrow 850 \text{ g} = 0.85 \text{ kg} \\ + 2.75 \text{ kg} \leftarrow 2\frac{3}{4} \text{ kg} = 2.75 \text{ kg} \\ \hline 3.60 \text{ kg} \end{array}$$

1.

$$2\frac{2}{5} \text{ kg} + 4.65 \text{ kg} = \underline{\hspace{2cm}} \text{ kg}$$

+

2.

$$3\frac{1}{10} \text{ kg} + 4.8 \text{ kg} + 520 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$$

+

3.

$$2.07 \text{ kg} + 1\frac{1}{4} \text{ kg} + 6 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$$

+