

DATE/DAY : 27 OKT 2021 (WEDNESDAY)

TOPIC : COORDINATES , RATIO AND RATE

CONTENT STANDARDS : PROPORTIONS

LEARNING STANDARDS: 7.3.1

PERFORMANCE STANDARDS :

LEARNING OBJECTIVES :

Pupils can determine an unknown value using a proportion

REFERENCE : MATH TEXTBOOKS YEAR 5 PAGE 241 - 243

NOTE / EXAMPLE:

NOTE/REFERENCES

QUESTIONS 1



1. Calculate the price for 2 kg 400 g of green beans.

$2 \text{ kg } 400 \text{ g} = 2 \text{ kg} + 400 \text{ g}$

Langkah 1

1 kg	→	RM8.50
2 kg	→	$2 \times \text{RM8.50}$ = RM17.00

Langkah 2

1 000 g	→	RM8.50
100 g	→	$\text{RM8.50} \div 10 = \text{RM0.85}$
400 g	→	$4 \times \text{RM0.85} = \text{RM3.40}$

Langkah 3

2 kg	400 g	2 kg 400 g
↓	↓	↓
RM17.00	RM3.40	RM20.40

$\text{RM17.00} + \text{RM3.40} = \text{RM20.40}$

Harga bagi 2 kg 400 g kacang hijau ialah RM20.40.

- a) Is RM30 enough to buy 4 kg of barley ?

Cara 1 $RM7.30 + RM7.30 + RM7.30 + RM7.30 = RM29.20$
 $1\text{ kg} + 1\text{ kg} + 1\text{ kg} + 1\text{ kg} = 4\text{ kg}$

Cara 2
 $RM7.30 \rightarrow 1\text{ kg}$
 $2 \times RM7.30 = RM14.60 \rightarrow 2 \times 1\text{ kg} = 2\text{ kg}$
 $2 \times RM14.60 = RM29.20 \rightarrow 2 \times 2\text{ kg} = 4\text{ kg}$

Ya, RM30 mencukupi untuk membeli 4 kg barli.

Watch this video until the end.

INSTRUCTIONS:

PLEASE ANSWER THE EXERCISES IN PAGE 102 DLP BOOSTER BOOKS, QUESTIONS 1 TO 4.

Proportion/Kadaran

Date: _____

Calculate/Hitung. LS7.3.1

EXAMPLE

3 kg of rice costs RM8.40. What is the price of 9 kg of rice?
3 kg beras berharga RM8.40. Berapakah harga 9 kg beras?

Method/Cara 1:

3 kg → RM8.40

1 kg → $\frac{RM8.40}{3} = RM2.80$

9 kg → $9 \times RM2.80 = RM25.20$

Method/Cara 2:

3 kg → RM8.40
9 kg → RM25.20

1.



Total page/Jumlah halaman = 840

What is the total number of pages of 6 storybooks?

Berapakah jumlah bilangan halaman bagi 6 buah buku cerita itu?

7 books → 840 halaman

1 book → $\frac{840}{7} = 120$

6 books → $6 \times 120 = 720$
Answer = 720

2.

2 m of fabric can be used to make 8 handkerchiefs. How many metres of fabric are needed to make 12 handkerchiefs?

2 m kain boleh digunakan untuk membuat 8 helai sapu tangan. Berapa meter kain diperlukan untuk membuat 12 helai sapu tangan?

2 m → 8 handkerchiefs

1 m → $\frac{8}{2} = 4$

$12 \times 4 = 48$

3.



I can type 360 words in 10 minutes.
Saya dapat taip 360 perkataan dalam masa 10 minit.

How many words can be typed in one hour?

Berapakah bilangan perkataan yang dapat ditaip dalam masa sejam?

10 minutes → 360 words

1 minute → $\frac{360}{10} = 36$

1 hour = 60 minutes

$36 \times 60 = 2160$

4.

Recipe for curry puffs Resipi karipap

Ingredients for dough:

Bahan untuk kulit karipap:

- 1 kg of wheat flour
1 kg tepung gandum
- 45 g of margarine
45 g marjerin

What is the mass, in g, of wheat flour needed if 90 g of margarine is used?
Berapakah jisim, dalam g, tepung gandum diperlukan jika 90 g marjerin digunakan?

45 g → 1 kg

90 g → $\frac{1000}{45} \times 90 = 2000$ kg