MATHEMATICS YEAR 6

ASSESSMENT

TOPIC : MONEY

SKILLFUL MIND PAGE 88

PART 1

SKILFUL MIND

Solve the following problems.

a In conjunction with Entrepreneurship Day, the pupils of Year 6 Arif sell ice creams. The cost price of an ice cream is 60 sen and the profit to be obtained is 30 sen. Calculate the sales for 50 ice creams.

b Puan Salmah sold a house for RM420 000 and earned a profit of 5%. What is the cost price of the house?

c The incomplete invoice on the right shows the orders made by Encik Firdaus. Calculate the amount to be paid by him if the supplier gives him a 10% discount.

SPORTS EQUIPMENT SUPPLIER

INSPIRASI SENDIRIAN BERHAD

No. 3, Jalan Ria, 47300 Petaling Jaya, Selangor Darul Ehsan.

To: Encik Firdaus bin Isa
Kedai Sukan Gaya,
Lot 6A, Jalan 5, Cheras,
54062 Kuala Lumpur.

Invoice no.: MS6002
Date: 10 April 2016

No.	Quantity (Unit)	Item	Price per unit (RM)	Total (RM)
1.	20	Sports shoes	RM80.00	
2.	30	Set of sports wear	RM120.00	

d Kalai reloaded his prepaid card for RM50. A 6% service tax was charged. What is the total cost of the prepaid card?

e A factory owner took a loan for RM1 million from a bank to expand his business. An interest rate of 8% per year was imposed. Calculate the total amount to be paid for 2 years.

Solve the following problems.

a In conjunction with Entrepreneurship Day, the pupils of Year 6 Arif sell ice creams. The cost price of an ice cream is 60 sen and the profit to be obtained is 30 sen. Calculate the sales for 50 ice creams.

Cost price = sen

Profit = sen

Selling price = Cost price + Profit = sen

Selling price for 50 ice cream = RM *

$$\begin{array}{r} 50 \\ \times\ ?\ \text{sen} \\ \hline ?\ \text{sen} \\ \hline \end{array}$$

$\xrightarrow{\text{convert}}$ RM

b Puan Salmah sold a house for RM420 000 and earned a profit of 5%. What is the cost price of the house?

Selling price = RM

Percentage profit = %

Profit = 5 % X Selling price

$\frac{5}{1\cancel{00}} \times$ RM 420 0$\cancel{00}$

= RM

Cost price = Selling price – Profit

$$\begin{array}{r} \text{RM } 420\,000 \\ -\ \text{RM}\quad ? \\ \hline \text{RM}\quad ? \\ \hline \end{array}$$

Cost price = RM

*

(c) The incomplete invoice on the right shows the orders made by Encik Firdaus. Calculate the amount to be paid by him if the supplier gives him a 10% discount.

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No.	Quantity (Unit)	Item	Price per unit (RM)	Total (RM)
1.	20	Sports shoes	RM80.00	
2.	30	Set of sportswear	RM120.00	

Sports shoes = RM

$$\begin{array}{r} \text{Rm } 80 \\ \times \quad 20 \\ \hline \text{Rm } ? \\ \hline \end{array}$$

Set of sportswear = RM

$$\begin{array}{r} \text{Rm } 120 \\ \times \quad 30 \\ \hline \text{Rm } ? \\ \hline \end{array}$$

Total price = RM

Discount = %

Discount price = $\frac{10}{100}$ x Total price

Discount price = RM

Total payment =
Total price – discount price

Total payment = RM

#

d Kalai reloaded his prepaid card for RM50. A 6% service tax was charged. What is the total cost of the prepaid card?

Prepaid card = RM

Service tax = %

Service tax = $\frac{6}{\cancel{100}_{2}} \times RM\cancel{50}^{1}$

= RM

Total payment = Prepaid card + Service tax

= RM #

e A factory owner took a loan for RM1 million from a bank to expand his business. An interest rate of 8% per year was imposed. Calculate the total amount to be paid for 2 years.

Loan = RM (number)

Loan x Interest rate x time

Interest = Savings × Interest rate × Time (in years)

Interest rate = %

Time in years =

Total amount = Loan x Interest rate x Time

$= RM\,10000\cancel{0}\cancel{0} \times \frac{8}{1\cancel{0}\cancel{0}} \times 2$

= ?

Total amount = RM #