MATHEMATICS YEAR 4

COORDINATES, RATIO AND PROPORTION

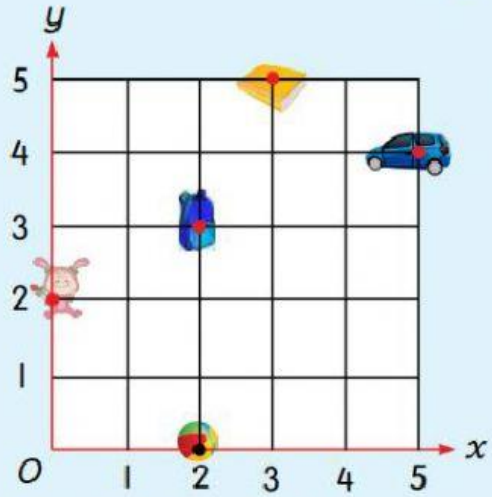
PROBLEM SOLVING

WATCH THE VIDEO BELOW.

QUESTIONS FROM

MATHEMATICS YEAR 4 TEXTBOOK PAGE 229

1 A Cartesian plane shows items sold in Goh's Shop. The price of the items are shown in the following table.



Item	Price
	RM24.00
	RM8.50
	RM6.00
	RM17.80
	RM9.00

(a) State the coordinate of:

i)	Ball	ii)	Toy car
A	(1, 2)	A	(4, 5)
B	(2, 0)	B	(2, 3)
C	(3, 0)	C	(3, 2)
D	(0, 2)	D	(5, 4)

LIVEWORKSHEETS

(b) Amalina bought the items situated at the coordinates of (0, 2), (3, 5) and (2, 3). Calculate the total payment.

A RM20.50 C RM34.20

B RM23.50 D RM38.50

2 The picture shows Shahir's pet cat. Chan has 3 cats more than Shahir. What is the ratio of the number of Shahir's cats to the number of Chan's cats?

A 1 : 3 C 4 : 1

B 3 : 1 D 1 : 4

3 The following table shows the length of blue and green wooden planks.

Colour of wooden plank	Blue	Green
Length of wooden plank	1 m	200 cm longer than the blue wooden plank

State the ratio of the length of the blue wooden plank to the length of the green wooden plank.

Step 1 : Find of length of green wooden plank
(convert the units)

A 1 m + 200 cm

B 10 cm + 200 cm

C 100 cm + 200 cm

D 200 cm – 100 cm

LIVEWORKSHEETS

Step 2 :

Ratio of the length of blue wooden plank to the length of the green wooden plank

A 100 : 300

B 10 : 200

C 1 : 200

D 1 : 3

4 Victor drives his car at a regular speed of 240 km in 3 hours. What is the distance he travelled in 5 hours at the same speed?

Step 1 : Find the distance for 1 hour

A 240 ÷ 5 = 48 km

B 5 ÷ 200 = 48 km

C 3 ÷ 240 = 80 km

D 240 ÷ 3 = 80 km

Step 2 : Find for 5 hours.

A 5 x 80 = 400 km

B 5 x 48 = 240 km

C 3 x 80 = 240 km

D 5 x 15 = 75 km

LIVEWORKSHEETS