MATHEMATICS YEAR 4

COORDINATES, RATIO AND PROPORTION

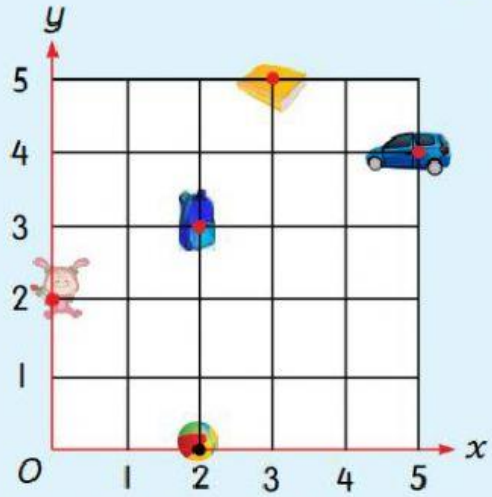
PROBLEM SOLVING

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)

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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

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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