



NUMERIC MINDS
PAPER 2

SEA Price Questions

Question 1

31. A table and four chairs together cost \$540. The cost of each chair is \$70. Calculate the cost of the table.

Answer \$ _____
(2 marks)

Solution

Total Cost = \$

Cost of one chair = \$ X
= \$

Cost of one table = Total Cost – Cost of one chair

= \$ -

= \$

∴ Cost of one is

2 marks each

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Question 2

Mr Green bought a box of mangoes. 60% were ripe, 25% were green and the remainder had to be thrown away. The box contained 300 mangoes.

- (a) How many mangoes were ripe?

Answer _____ mangoes
(1 mark)

- (b) How many mangoes had to be thrown away?

Answer _____ mangoes
(2 marks)

- (c) Mr Green paid \$60 for the box of mangoes. Calculate the amount of money he lost.

Answer \$ _____
(2 marks)

Solution

A) No. of ripe mangoes = _____ X _____

= _____ mangoes

No. of green mangoes = _____ X _____

= _____ mangoes

B) No. of mangoes to be discarded = Total Amount of Mangoes - Green mangoes + Ripe mangoes

= _____ - _____
= _____ mangoes

2 marks each

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C) Total cost =

Cost of one mango = $\div$
=

Amount of money he lost = Total Amount – Cost for no. of mangoes to be discarded

=
=

Question 3

Ron purchased 4 mangoes from Stall A and Mac purchased 5 mangoes from Stall B.



Stall A
4 for \$3.00



Stall B
5 for \$4.00

Who bought the mangoes at a cheaper rate?

Answer _____

Solution

Stall A

Total Cost =
Cost of one Mango = $\div$
=

Stall B

Total Cost =
Cost of one Mango = $\div$
=

2 marks each
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∴ bought the mangoes at a cheaper rate

Question 4

44. The price list in a cafeteria is shown below.

Price List	
Hot dog	\$5.50
Drink	\$2.25
Apple	\$1.75

Sean bought 2 hot dogs, a drink and 2 apples.
Sade bought a hot dog, 3 drinks and an apple.

- (a) What is the TOTAL amount spent by Sean and Sade?

Answer \$ _____
(2 marks)

- (b) How much more than Sade did Sean spend?

Answer \$ _____
(2 marks)

- (c) Which item(s) can be bought with the difference in the amount spent by Sean and Sade?

Answer _____
(1 mark)

Solution

A) Sean's Bill = 2 hot dogs + a drink + 2 apples

$$= \quad \times \quad + \quad + \quad \times$$

Sade's Bill = hot dog + 3 drinks + an apple

$$= \quad + \quad \times \quad + \quad \times$$

2 marks each

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$$\begin{array}{rcl} \text{Total Bill} = & \text{Bill} + & \text{Bill} \\ & = & + \\ & = & \end{array}$$

$$\begin{array}{rcl} \text{B) Difference} = & \text{Bill} - & \text{Bill} \\ & = & - \\ & = & \end{array}$$

$$\text{C) Items} =$$

2 marks each
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Question 4

23. Carrie had \$60 as an allowance for the week. She spent $\frac{2}{5}$ of it on snacks, $\frac{1}{4}$ of it on stickers and saved the remainder.

- (a) What fraction did she spend on snacks and stickers together?

Answer _____
(1 mark)

- (b) How much money did she save?

Answer \$ _____
(1 mark)

Solution

A) Total = _____