



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 =

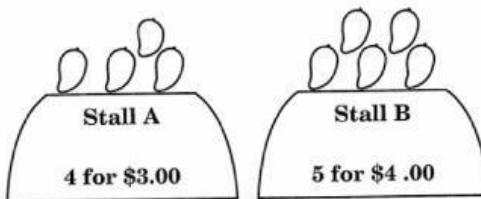
$$\text{Cost of one mango} = \div \\ =$$

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.



Who bought the mangoes at a cheaper rate?

Answer _____

Solution

Stall A

$$\text{Total Cost} = \\ \text{Cost of one Mango} = \div \\ =$$

2 marks each

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Stall B

$$\text{Total Cost} = \\ \text{Cost of one Mango} = \div \\ =$$

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A. 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

= x + + x

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

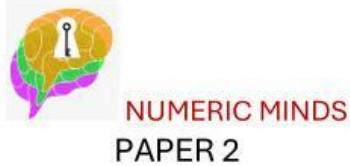
= + x + x

2 marks each

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Total Bill = Bill + Bill

= +

=

B) Difference = Bill - Bill

= -

=

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 = _____

2 marks each

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