

PRACTICE SET ON CASE STUDY

MATHS COPY 2

WORSHEET:104

DATE: 2/2/22

CASE STUDY-1

Mrs. Anita went to a market to shop for vegetables. She purchased 5kg potatoes costing Rs 18 per kg, 500g tomatoes costing Rs20/kg , 2kg onions for Rs 40/kg. She also bought half kg carrots for Rs20/kg. She bought three cauliflower for Rs25 each.

- a) 500g of onions means kg (half/ 1kg)
- b) 2 kg of onions = G
- c) If the vegetable seller reduces cost of cauliflower by Rs5 per cauliflower, what will be cost of three cauliflowers
- d) Draw a bill for the above items bought by Mrs. Anita
- e) What will Mrs. Anita pay ,if the vegetable seller takes Rs10 less on the grand total amount to be paid?

CASE STUDY 2

Sunaina and her brother Sumit went to doctor for check up . The doctor weighed them, Sunaina is 12yrs old weighed 30kgs and Sumit is two years younger than Sunaina and weighed 5kg more than Sunaina. Doctor advised Sunaina to put on (increase) 7kgs and Sumit to reduce 6kgs.

- a) What is Sumit's age?
- b) What is the present weight of Sumit?
- c) What should be Sunaina's weight as advised by the doctor?
- d) What would be Sumit's weight after reducing his weight as advised by the doctor?

CASE STUDY-1

Mrs. Anita went to a market to shop for vegetables. She shopped 5kg potatoes costing Rs 18 per kg, 500g tomatoes costing Rs20/kg , 2 kg onions for Rs 40/kg. She also bought half kg carrots for Rs20/kg. She bought three cauliflower for Rs25 each.

a) 500g of onions means half kg (half/ 1kg)

b) 2 kg of onions = 2000G

c) If the vegetable seller reduces cost of cauliflower by Rs5 per cauliflower, what will be cost of three cauliflowers Rs 20 x 3 =Rs

60

WS: 104

CASE STUDY-1

Mrs. Anita went to a market to shop for vegetables. She shopped 5kg potatoes costing Rs 18 per kg, 500g tomatoes costing Rs20/kg ,2 kg onions for Rs 40/kg. She also bought half kg carrots for Rs20/kg. She bought three cauliflower for Rs25 each.

d)

S.no	Items	Cost per kg	Quantity	Total
1	Potatoes	Rs 18/kg	5kg	Rs 90
2	Tomatoes	Rs 20/kg	500g	Rs 10
3	Carrots	Rs 20/kg	500g	Rs 10
4	Onions	Rs 40/Kg	2kg	Rs 80
5	Cauliflower	Rs 25/piece	3	Rs 75
		Grand	Total =	Rs 265

e) What will Mrs. Anita pay ,if the vegetable seller takes Rs10 less on the grand total to be paid? Rs 255

CASE STUDY 2

Sunaina and her brother Sumit went to doctor for check up . The doctor weighed them, Sunaina is 12yrs old weighed 30kgs and Sumit is two years younger than Sunaina and weighed 5kg more than Sunaina. Doctor advised Sunaina to put on (increase) 7kgs and Sumit to reduce 6kgs.

- a) What is Sumit's age? Ans- 10yrs
- b) What is the present weight of Sumit? Ans- 35kg
- c) What should be Sunaina's weight as advised by the doctor? Ans- 37kg
- d) What would be Sumit's weight after reducing his weight as advised by the doctor? Ans- 29kg

Thank You