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G.D.GOENKA PUBLIC SCHOOL

Subject: Mathematics (6th)

Aspect: Home- Assignment

Date: 05-11-2020

Chapter No.12 (Ratio and Proportion)

Exercise 12.3 Page no: 259

Q10. Raju purchases 10 pens for Rs. 150 and Manish buys 7 pens for Rs. 84. Can you say who got the pens cheaper?

Solution:

Cost of 10 Pens purchased by Raju = Rs. 150

Cost of 1 pen = $150 / 10$

= Rs. 15

Cost of 7 Pens purchased by Manish = Rs. 84

Cost of 1 pen = $84 / 7$

= Rs. 12

∴ Pens purchased by Manish are cheaper than Raju

Q11. Anish made 42 runs in 6 overs and Anup made 63 runs in 7 overs. Who made more runs per over?

Solution:

Runs made by Anish in 6 overs = 42

Runs made by Anish in 1 over = $42 / 6$

= 7

Runs made by Anup in 7 overs = 63

Runs made by Anup in 1 over = $63 / 7$

= 9

∴ Anup scored more runs than Anish.

Write Q10 and Q11 in your mathematics notebook.

Do worksheet (76-77) of mental math.