Name: Proportions - Word Problems

Chapter: Ratio - Applications

Grade: SSC Grade VII

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1.	If the cost of	11 apples	is ₹770.00,	the cost of	160 apples =
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(i) ₹12400.00 (ii) ₹12700.00 (iii) ₹8400.00 (iv) ₹11200.00 (v) ₹9600.00

2. If the cost of 40 apples is ₹520.00, how many apples can be purchased for ₹1560.00?

(i) 121 (ii) 118 (iii) 122 (iv) 120 (v) 119

3. If the cost of 124 apples is ₹620.00, the cost of 180 apples =

(i) ₹878.00 (ii) ₹900.00 (iii) ₹913.00 (iv) ₹896.00 (v) ₹912.00

4. If the cost of 240 apples is ₹960.00, how many apples can be purchased for ₹560.00?

(i) 139 (ii) 143 (iii) 138 (iv) 141 (v) 140

5. If the cost of 4 apples is ₹700.00 and the cost of 120 apples is ₹21000.00, the ratio of apples =

(i) 1:27 (ii) 1:30 (iii) 0:30 (iv) 1:32 (v) 2:30

6. If the cost of 10 apples is ₹820.00 and the cost of 200 apples is ₹16400.00, the ratio of apples cost =

(i) 1:20 (ii) 1:17 (iii) 2:20 (iv) 0:20 (v) 1:22

A train from Calcutta travelling at a speed of 65kmph reaches Chennai in 4hr. If the train should reach Chennai in 13hr, what should be its speed?

(i) 20 kmph (ii) 21 kmph (iii) 22 kmph (iv) 18 kmph (v) 19 kmph

8. A train from Calcutta travelling at a speed of 20kmph reaches Chennai in 16hr. If the train travels at the speed of 16kmph, what is the time taken to reach Chennai?

(i) 21 hr (ii) 19 hr (iii) 22 hr (iv) 18 hr (v) 20 hr

Assignment Key									
1) (iv)	2) (iv)	3) (ii)	4) (v)	5) (ii)	6) (i)				
7) (i)	8) (v)								

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