

EduSahara™ Learning Center Assignment

Grade : Class VIII, ICSE
Chapter : Unitary Method
Name : Unitary Method Problems
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1. If the cost of 2 apples is ₹920.00, the cost of 200 apples =

- (i) ₹93200.00 (ii) ₹92000.00 (iii) ₹91400.00
(iv) ₹90300.00
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2. If the cost of 30 apples is ₹660.00, how many apples can be purchased for ₹2640.00?

- (i) 123 (ii) 119 (iii) 118 (iv) 120 (v) 121
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3. 4 men take 9 days to complete a work.

How much work is done by one man in one day?

- (i) $\frac{1}{4}$ (ii) $(\frac{-1}{36})$ (iii) $\frac{1}{9}$ (iv) $\frac{1}{36}$ (v) $\frac{1}{12}$
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4. 6 men can do a work in 19 days working 9 hours a day.

In how many days can 16 men do the same work, working 5 hours a day?

- (i) $12\frac{31}{40}$ days (ii) $12\frac{7}{8}$ days (iii) $12\frac{11}{14}$ days (iv) $12\frac{33}{38}$ days (v) $12\frac{33}{40}$ days
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A certain number of men can do a work in 27 days .

5. If there were 5 men more , it would take 9 days less to complete the work.

How many men are required to complete the work in 6 days ?

- (i) 46 (ii) 43 (iii) 44 (iv) 45 (v) 47
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3 skilled men can do a work in 5 days .

6. 7 unskilled men can do the same work in 7 days .

In how many days can 9 skilled and 6 unskilled men do the same work?

- (i) $1\frac{68}{179}$ days (ii) $1\frac{68}{175}$ days (iii) $1\frac{22}{59}$ days (iv) $1\frac{70}{177}$ days (v) $1\frac{68}{177}$ days
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Assignment Key

- 1) (ii)
- 2) (iv)
- 3) (iv)
- 4) (v)
- 5) (iv)
- 6) (v)