



1. If 13 idlis cost ₹91, how much will 40 idlis cost?
(i) ₹280 (ii) ₹266 (iii) ₹307 (iv) ₹293 (v) ₹252
2. If 11 pencils cost ₹66, how many pencils can be purchased with ₹222?
(i) 36 (ii) 37 (iii) 38 (iv) 40 (v) 34
3. If 12 l of puja oil costs ₹144, how much will 28 l cost?
(i) ₹360 (ii) ₹351 (iii) ₹333 (iv) ₹314 (v) ₹336
4. If 13 l of water costs ₹130, how much of water costs ₹370?
(i) 32 l (ii) 34 l (iii) 42 l (iv) 40 l (v) 37 l
5. If 13 men can make 65 idols in a day, how many idols are made by 21 men in a day?
(i) 106 (ii) 107 (iii) 104 (iv) 102 (v) 105
6. If 10 men can make 60 belts in a day, how many men are needed to make 90 belts in a day?
(i) 18 (ii) 16 (iii) 15 (iv) 14 (v) 13
7. If Vivek can read 165 pages in 15 hr, how many pages can he read in 20 hr?
(i) 220 (ii) 219 (iii) 218 (iv) 222 (v) 221
8. If Sharan can read 168 pages in 14 hr, he can read 240 pages in how many hours?
(i) 23 hr (ii) 15 hr (iii) 20 hr (iv) 25 hr (v) 17 hr
9. If Kiran can read 69 pages in a 184 pages book in 3 hr, how much more time will it take to complete the book?
(i) 6 hr (ii) 3 hr (iii) 7 hr (iv) 4 hr (v) 5 hr
10. If Krishna can make 153 pastries in 9 min, in how much time can he complete an order of 680 pastries ?
(i) 43 min (ii) 35 min (iii) 37 min (iv) 40 min (v) 45 min
11. If 165 men can do a piece of work in 156 days, how many men can do the same work in 195 days?
(i) 132 (ii) 129 (iii) 133 (iv) 135 (v) 131
12. If 110 men can do a piece of work in 168 days, 132 men can do the same work in how many days?
(i) 117 days (ii) 136 days (iii) 156 days (iv) 140 days (v) 152 days
13. If 17 men can build $\frac{1}{6}$ of a wall in 36 days,
in how much more time is the wall completely built ?
(i) 187 days (ii) 180 days (iii) 177 days (iv) 156 days (v) 194 days

14. A vehicle can cover certain distance in 156 min, running at a speed of 99 kmph. At what speed must the vehicle run to cover the same distance in 108 min?
(i) 155 kmph (ii) 143 kmph (iii) 118 kmph (iv) 126 kmph (v) 171 kmph
15. A vehicle can cover certain distance in 50 min, running at a speed of 72 kmph. In how many minutes, the vehicle covers the same distance running at a speed of 30 kmph?
(i) 144 min (ii) 92 min (iii) 120 min (iv) 108 min (v) 136 min
16. A person has to travel from one town to another town which is at a distance of 264 km. He covers 156 km in 13 hr. In how much more time will he reach his destination?
(i) 10 hr (ii) 8 hr (iii) 9 hr (iv) 11 hr (v) 7 hr
17. The cost of 25 kg of chillies is ₹725. How many kgs of chillies can be purchased with ₹406 ?
(i) 14 kg (ii) 17 kg (iii) 11 kg (iv) 9 kg (v) 19 kg
18. The cost of 10 kg of cabbages is ₹210. How much has to be paid to purchase 19 kg of cabbages ?
(i) ₹375 (ii) ₹399 (iii) ₹397 (iv) ₹421 (v) ₹406
19. The weight of 13 rounds of copper wire is 377 kg. How many rounds of copper wire is present in 464 kg?
(i) 16 (ii) 17 (iii) 14 (iv) 18 (v) 15
20. 108 men can dig a canal in 140 days working for 8 hr per day. How many men are required to complete the work in 96 days working for 14 hr per day?
(i) 91 (ii) 89 (iii) 88 (iv) 90 (v) 92
21. 11 men can dig a trench in 11 days. But after working for 9 days, 6 men left. How many more days are required to complete the work?
(i) $4\frac{4}{5}$ days (ii) 4 days (iii) $4\frac{2}{3}$ days (iv) $4\frac{2}{7}$ days (v) $4\frac{2}{5}$ days
22. In a hostel mess there are provisions enough for 14 students for 13 days. If 11 more students join the hostel, how long will the provisions last ?
(i) 7.28 days (ii) 9.28 days (iii) 6.28 days (iv) 5.28 days (v) 8.28 days
23. In a hostel mess, there are provisions enough for 10 students for 19 days. After 12 days, 8 students left. How many more days will the provisions last ?
(i) 32.00 days (ii) 30.00 days (iii) 35.00 days (iv) 40.00 days (v) 38.00 days
24. A bus ticket fare for 12 km costs ₹94. How much is the fare for 11 km?
(i) ₹89.17 (ii) ₹83.17 (iii) ₹91.17 (iv) ₹86.17 (v) ₹81.17
25. The cost of 18 pens is ₹252 and 20 pencils is ₹200. With an amount of ₹268, 10 pencils are purchased. How many pens can be purchased with the remaining amount ?
(i) 13 (ii) 12 (iii) 15 (iv) 10 (v) 11
26. The cost of 12 pens is ₹156 and 17 pencils is ₹85. With an amount of ₹299, 18 pens are purchased. How many pencils can be purchased with the remaining amount ?
(i) 12 (ii) 13 (iii) 14 (iv) 11 (v) 15

27. The sales tax for ₹100 of a bill is ₹15. How much sales tax has to be paid for a bill of ₹444 ?
(i) ₹69.60 (ii) ₹61.60 (iii) ₹71.60 (iv) ₹66.60 (v) ₹63.60
28. A group of pilgrims have to cover 16 km to reach a shrine. They walk 10 km in 10 hr. At what speed they have to walk to cover the remaining distance in 7 hr ?
(i) 0.86 kmph (ii) 8.86 kmph (iii) 7.86 kmph (iv) 2.86 kmph (v) 1.86 kmph
29. To stitch a shirt, 115 cm of cloth is needed. How much cloth is needed to stitch 5 shirts ?
(i) 557 cm (ii) 579 cm (iii) 588 cm (iv) 561 cm (v) 575 cm
30. 20 m of cloth is required to stitch 10 dresses. How many meters of cloth is required to stitch 25 dresses?
(i) 47.00 m (ii) 45.00 m (iii) 55.00 m (iv) 50.00 m (v) 53.00 m
31. The cost of 5 dozen bananas is ₹165. What is the cost of 24 dozens ?
(i) ₹785 (ii) ₹792 (iii) ₹797 (iv) ₹816 (v) ₹780
32. 16 mangoes weigh 10 kg. If 5 mangoes are needed, how many kgs have to be purchased?
(i) 5.12 kg (ii) 2.12 kg (iii) 3.12 kg (iv) 1.12 kg (v) 4.12 kg
33. 80 men or 48 women can earn ₹4800 per day. How much is earned by 13 men and 16 women in a day?
(i) ₹2540 (ii) ₹2230 (iii) ₹2240 (iv) ₹2660 (v) ₹2380
34. The total wage of 14 labourers for 12 days is ₹48720. What will be the total wage of 18 labourers for 8 days ?
(i) ₹41760 (ii) ₹40260 (iii) ₹39360 (iv) ₹43060
35. 16 artisans can make 32 idols in 40 days. How many artisans are required to make 21 idols in 30 days ?
(i) 12 (ii) 13 (iii) 16 (iv) 14 (v) 15
36. 30 workers working for 8 hr per day can dig a pit in 30 days. How many days are needed for 15 workers working 6 hr per day to dig the same pit?
(i) 80 days (ii) 85 days (iii) 83 days (iv) 75 days (v) 77 days
37. 14 cows eat 2660 kg of grass in 10 days. How much of grass has to be procured to feed 11 cows for 20 days ?
(i) 4260 kg (ii) 4030 kg (iii) 4440 kg (iv) 4180 kg (v) 4040 kg
38. Cost of 14 toys of TypeA is ₹112 and 16 toys of TypeB is ₹240. Out of a sum of ₹236, 12 toys of TypeA are purchased. If 13 toys of TypeB have to be purchased, how much extra amount is needed?
(i) ₹60 (ii) ₹52 (iii) ₹50 (iv) ₹58 (v) ₹55
39. 6 men can make 144 baskets in 6 days. 2 women can make 56 baskets in 7 days. How many baskets are made by 8 men and 10 women in 6 days ?
(i) 432 (ii) 429 (iii) 433 (iv) 431 (v) 435
40. To irrigate 11 acres of a field, 70000 l of water is needed. If 6 more acres are brought under cultivation, how many lts of water is needed?
(i) 108181.82 l (ii) 123181.82 l (iii) 84181.82 l (iv) 90181.82 l (v) 116181.82 l

41. 28 labourers can cultivate a field in 18 days working 5 hr per day. How many more labourers are needed to cultivate double the field in 20 days working 9 hr per day ?
(i) (-2) (ii) 1 (iii) (-1) (iv) 2 (v) 0
42. 12 workers working 8 hr per day are paid ₹46080 for 16 days. How much has to be paid to 12 workers working 7 hr per day for 14 days ?
(i) ₹37880 (ii) ₹32780 (iii) ₹36580 (iv) ₹33480 (v) ₹35280
43. The air ticket charges for 40 persons for a flight is ₹240320, inclusive of ₹208 as airport tax per person. How much has to be paid if 16 persons drop out of the trip ?
(i) ₹130192 (ii) ₹166192 (iii) ₹144192 (iv) ₹118192 (v) ₹157192
44. The specification on a printer says that it prints 3000 pages in 50 min. If 6000 pages have to be printed, how long will it take ?
(i) 88 min (ii) 100 min (iii) 114 min (iv) 118 min (v) 87 min
45. 15 gm of gold costs ₹39000. What is the cost of 26 gm ?
(i) ₹64800 (ii) ₹69400 (iii) ₹67100 (iv) ₹67600 (v) ₹69000
46. A banker gave foreign exchange of \$18 for ₹666. How many dollars will the customer get for ₹999 ?
(i) \$24 (ii) \$30 (iii) \$22 (iv) \$32 (v) \$27
47. 16 workers take 19 days to build a room. After working for 7 days, 7 workers left. In how many more days is the room built ?
(i) 18.33 days (ii) 26.33 days (iii) 24.33 days (iv) 16.33 days (v) 21.33 days

A can do $\frac{1}{12}$ of a particular work in 15 days.

48. B can do $\frac{1}{3}$ of the same work in 2 days.

C can do $\frac{1}{14}$ of the same work in 10 days.

If A, B and C work together, in how many days is the work completed ?

- (i) $5\frac{11}{23}$ days (ii) $5\frac{67}{113}$ days (iii) $5\frac{65}{113}$ days (iv) $5\frac{25}{37}$ days (v) $5\frac{63}{113}$ days

49. A journey consists of three legs. First 156 km are travelled at a speed of 120 kmph. Next 154 km are travelled at a speed of 110 kmph. Last 32 km are travelled at a speed of 40 kmph. Find the total time taken to complete the journey.

- (i) $3\frac{1}{2}$ hr (ii) $4\frac{3}{8}$ hr (iii) $3\frac{3}{10}$ hr (iv) $2\frac{11}{12}$ hr (v) $3\frac{7}{10}$ hr

50. In an eating contest, the eating capacities of A, B and C are 12 gm/sec, 5 gm/sec and 7 gm/sec respectively. If the amount of food to be eaten is 20.16 kg, in how much time is it consumed if all three participants start eating together ?

- (i) 12 min (ii) 15 min (iii) 14 min (iv) 17 min (v) 13 min

In a certain exam, for every correct answer, 10 marks are added. For every wrong answer 8 marks are subtracted. A student attempted 55 questions and secured 370 marks. How many answers are correct and how many are wrong?

- (i) 47 correct and 8 wrong (ii) 46 correct and 9 wrong (iii) 45 correct and 10 wrong
 (iv) 43 correct and 12 wrong (v) 44 correct and 11 wrong

A production line consists of three stages to be completed serially.

Stage1 work can be done by 12 workers in 7 days.

52. Stage2 work can be done by 14 workers in 10 days.

Stage3 work can be done by 13 workers in 15 days.

If 8, 13 and 9 workers are hired to do Stage1, Stage2 and Stage3 works respectively, in how many days is the work completed ?

- (i) $42 \frac{71}{78}$ days (ii) $42 \frac{73}{76}$ days (iii) $42 \frac{25}{26}$ days (iv) $42 \frac{73}{80}$ days (v) $42 \frac{73}{78}$ days

The slab rates of a city's water department are as follows

Low Val (kl)	High Val (kl)	Rate Rs/kl
0	40	12
40	70	17
70	90	22
90	remaining	27

53.

How much amount has to be paid if the consumption is 23 kl.

- (i) ₹289 (ii) ₹276 (iii) ₹260 (iv) ₹291 (v) ₹258

The slab rates of a city's water department are as follows

Low Val (kl)	High Val (kl)	Rate Rs/kl
0	20	18
20	40	23
40	70	28
70	remaining	33

54.

How much amount has to be paid if the consumption is 35 kl.

- (i) ₹708 (ii) ₹705 (iii) ₹723 (iv) ₹691 (v) ₹688

The slab rates of a city's water department are as follows

Low Val (kl)	High Val (kl)	Rate Rs/kl
0	50	15
50	60	20
60	80	25
80	remaining	30

55.

How much amount has to be paid if the consumption is 79 kl.

- (i) ₹1655 (ii) ₹1595 (iii) ₹1175 (iv) ₹1385 (v) ₹1425

The slab rates of a city's water department are as follows

Low Val (kl)	High Val (kl)	Rate Rs/kl
0	30	14
30	40	19
40	80	24
80	remaining	29

56.

How much amount has to be paid if the consumption is 87 kl.

- (i) ₹1773 (ii) ₹1813 (iii) ₹1653 (iv) ₹2013

Assignment Key

1) (i)	2) (ii)	3) (v)	4) (v)	5) (v)	6) (iii)
7) (i)	8) (iii)	9) (v)	10) (iv)	11) (i)	12) (iv)
13) (ii)	14) (ii)	15) (iii)	16) (iii)	17) (i)	18) (ii)
19) (i)	20) (iv)	21) (v)	22) (i)	23) (iii)	24) (iv)
25) (ii)	26) (ii)	27) (iv)	28) (i)	29) (v)	30) (iv)
31) (ii)	32) (iii)	33) (v)	34) (i)	35) (iv)	36) (i)
37) (iv)	38) (v)	39) (i)	40) (i)	41) (v)	42) (v)
43) (iii)	44) (ii)	45) (iv)	46) (v)	47) (v)	48) (iii)
49) (i)	50) (iii)	51) (iii)	52) (v)	53) (ii)	54) (ii)
55) (v)	56) (i)				