



1. If 15 pencils cost ₹120, how much will 28 pencils cost?
(i) ₹224 (ii) ₹251 (iii) ₹200 (iv) ₹232 (v) ₹208
2. If 7 eggs cost ₹42, how many eggs can be purchased with ₹156?
(i) 26 (ii) 27 (iii) 25 (iv) 28 (v) 24
3. If 12 l of water costs ₹156, how much will 26 l cost?
(i) ₹321 (ii) ₹355 (iii) ₹316 (iv) ₹353 (v) ₹338
4. If 15 l of fruit drink costs ₹285, how much of fruit drink costs ₹475?
(i) 25 l (ii) 20 l (iii) 30 l (iv) 22 l (v) 28 l
5. If 19 men can make 95 gift packages in a day, how many gift packages are made by 19 men in a day?
(i) 96 (ii) 98 (iii) 94 (iv) 93 (v) 95
6. If 17 men can make 68 candles in a day, how many men are needed to make 68 candles in a day?
(i) 17 (ii) 16 (iii) 18 (iv) 15 (v) 20
7. If Martin can read 144 pages in 12 hr, how many pages can he read in 19 hr?
(i) 226 (ii) 231 (iii) 229 (iv) 227 (v) 228
8. If Ramu can read 260 pages in 13 hr, he can read 240 pages in how many hours?
(i) 7 hr (ii) 17 hr (iii) 15 hr (iv) 9 hr (v) 12 hr
9. If Akbar can read 28 pages in a 98 pages book in 2 hr, how much more time will it take to complete the book?
(i) 5 hr (ii) 6 hr (iii) 4 hr (iv) 7 hr (v) 3 hr
10. If Arjun can make 228 burgers in 12 min, in how much time can he complete an order of 912 burgers ?
(i) 53 min (ii) 45 min (iii) 43 min (iv) 51 min (v) 48 min
11. If 165 men can do a piece of work in 65 days, how many men can do the same work in 143 days?
(i) 75 (ii) 78 (iii) 72 (iv) 76 (v) 74
12. If 72 men can do a piece of work in 165 days, 88 men can do the same work in how many days?
(i) 135 days (ii) 139 days (iii) 130 days (iv) 118 days (v) 148 days
13. If 15 men can build $\frac{1}{4}$ of a wall in 46 days,
in how much more time is the wall completely built ?
(i) 138 days (ii) 126 days (iii) 156 days (iv) 154 days (v) 123 days

14. A vehicle can cover certain distance in 77 min, running at a speed of 120 kmph. At what speed must the vehicle run to cover the same distance in 132 min?
(i) 73 kmph (ii) 67 kmph (iii) 75 kmph (iv) 65 kmph (v) 70 kmph
15. A vehicle can cover certain distance in 84 min, running at a speed of 110 kmph. In how many minutes, the vehicle covers the same distance running at a speed of 60 kmph?
(i) 154 min (ii) 131 min (iii) 150 min (iv) 156 min (v) 181 min
16. A person has to travel from one town to another town which is at a distance of 836 km. He covers 570 km in 15 hr. In how much more time will he reach his destination?
(i) 7 hr (ii) 9 hr (iii) 5 hr (iv) 8 hr (v) 6 hr
17. The cost of 12 kg of cabbages is ₹264. How many kgs of cabbages can be purchased with ₹440 ?
(i) 25 kg (ii) 17 kg (iii) 20 kg (iv) 15 kg (v) 23 kg
18. The cost of 17 kg of carrots is ₹442. How much has to be paid to purchase 14 kg of carrots ?
(i) ₹380 (ii) ₹364 (iii) ₹389 (iv) ₹336 (v) ₹356
19. The weight of 11 rounds of copper wire is 308 kg. How many rounds of copper wire is present in 420 kg?
(i) 15 (ii) 18 (iii) 14 (iv) 16 (v) 13
20. 104 men can dig a canal in 165 days working for 12 hr per day. How many men are required to complete the work in 96 days working for 11 hr per day?
(i) 192 (ii) 195 (iii) 197 (iv) 196 (v) 194
21. 12 men can dig a trench in 17 days. But after working for 7 days, 7 men left. How many more days are required to complete the work?
(i) 22 days (ii) 25 days (iii) 23 days (iv) 26 days (v) 24 days
22. In a hostel mess there are provisions enough for 20 students for 11 days. If 5 more students join the hostel, how long will the provisions last ?
(i) 10.80 days (ii) 7.80 days (iii) 9.80 days (iv) 8.80 days (v) 6.80 days
23. In a hostel mess, there are provisions enough for 19 students for 17 days. After 14 days, 7 students left. How many more days will the provisions last ?
(i) 5.75 days (ii) 6.75 days (iii) 2.75 days (iv) 4.75 days (v) 3.75 days
24. A bus ticket fare for 17 km costs ₹52. How much is the fare for 15 km?
(i) ₹50.88 (ii) ₹45.88 (iii) ₹48.88 (iv) ₹40.88 (v) ₹42.88
25. The cost of 10 pens is ₹170 and 14 pencils is ₹140. With an amount of ₹435, 18 pencils are purchased. How many pens can be purchased with the remaining amount ?
(i) 16 (ii) 14 (iii) 12 (iv) 15 (v) 18
26. The cost of 18 pens is ₹216 and 20 pencils is ₹180. With an amount of ₹261, 12 pens are purchased. How many pencils can be purchased with the remaining amount ?
(i) 15 (ii) 11 (iii) 13 (iv) 12 (v) 14
27. The sales tax for ₹100 of a bill is ₹18. How much sales tax has to be paid for a bill of ₹312 ?
(i) ₹59.16 (ii) ₹61.16 (iii) ₹56.16 (iv) ₹53.16 (v) ₹51.16

28. A group of pilgrims have to cover 25 km to reach a shrine. They walk 18 km in 11 hr. At what speed they have to walk to cover the remaining distance in 8 hr ?
(i) 0.88 kmph (ii) 8.88 kmph (iii) 1.88 kmph (iv) 7.88 kmph (v) 2.88 kmph
29. To stitch a shirt, 184 cm of cloth is needed. How much cloth is needed to stitch 8 shirts ?
(i) 1352 cm (ii) 1522 cm (iii) 1232 cm (iv) 1742 cm (v) 1472 cm
30. 17 m of cloth is required to stitch 9 dresses. How many meters of cloth is required to stitch 18 dresses?
(i) 29.00 m (ii) 39.00 m (iii) 34.00 m (iv) 31.00 m (v) 37.00 m
31. The cost of 5 dozen bananas is ₹160. What is the cost of 23 dozens ?
(i) ₹736 (ii) ₹723 (iii) ₹750 (iv) ₹751 (v) ₹720
32. 10 mangoes weigh 6 kg. If 10 mangoes are needed, how many kgs have to be purchased?
(i) 6.00 kg (ii) 7.00 kg (iii) 4.00 kg (iv) 5.00 kg (v) 8.00 kg
33. 35 men or 30 women can earn ₹2100 per day. How much is earned by 17 men and 15 women in a day?
(i) ₹2240 (ii) ₹2070 (iii) ₹2030 (iv) ₹2090 (v) ₹1910
34. The total wage of 8 labourers for 5 days is ₹9600. What will be the total wage of 18 labourers for 17 days ?
(i) ₹72240 (ii) ₹73440 (iii) ₹74840 (iv) ₹74140
35. 16 artisans can make 12 idols in 18 days. How many artisans are required to make 20 idols in 15 days ?
(i) 31 (ii) 30 (iii) 32 (iv) 33 (v) 34
36. 63 workers working for 3 hr per day can dig a pit in 24 days. How many days are needed for 42 workers working 4 hr per day to dig the same pit?
(i) 30 days (ii) 27 days (iii) 32 days (iv) 24 days (v) 22 days
37. 13 cows eat 2860 kg of grass in 20 days. How much of grass has to be procured to feed 6 cows for 10 days ?
(i) 677 kg (ii) 660 kg (iii) 642 kg (iv) 645 kg (v) 662 kg
38. Cost of 12 toys of TypeA is ₹96 and 5 toys of TypeB is ₹95. Out of a sum of ₹226, 11 toys of TypeA are purchased. If 13 toys of TypeB have to be purchased, how much extra amount is needed?
(i) ₹114 (ii) ₹91 (iii) ₹92 (iv) ₹123 (v) ₹109
39. 11 men can make 693 baskets in 9 days. 4 women can make 140 baskets in 7 days. How many baskets are made by 4 men and 6 women in 5 days ?
(i) 290 (ii) 287 (iii) 291 (iv) 292 (v) 289
40. To irrigate 14 acres of a field, 50000 l of water is needed. If 5 more acres are brought under cultivation, how many lts of water is needed?
(i) 66457.14 l (ii) 68257.14 l (iii) 65157.14 l (iv) 67857.14 l (v) 70157.14 l
41. 18 labourers can cultivate a field in 60 days working 8 hr per day. How many more labourers are needed to cultivate double the field in 16 days working 10 hr per day ?
(i) 89 (ii) 91 (iii) 90 (iv) 92 (v) 88

42. 19 workers working 12 hr per day are paid ₹77520 for 17 days. How much has to be paid to 17 workers working 8 hr per day for 12 days ?

(i) ₹34940 (ii) ₹30040 (iii) ₹32640 (iv) ₹30940 (v) ₹34440

43. The air ticket charges for 34 persons for a flight is ₹183464, inclusive of ₹496 as airport tax per person. How much has to be paid if 10 persons drop out of the trip ?

(i) ₹123504 (ii) ₹129504 (iii) ₹131504 (iv) ₹114504 (v) ₹147504

44. The specification on a printer says that it prints 900 pages in 10 min. If 7200 pages have to be printed, how long will it take ?

(i) 75 min (ii) 80 min (iii) 77 min (iv) 83 min (v) 85 min

45. 12 gm of gold costs ₹28800. What is the cost of 24 gm ?

(i) ₹60100 (ii) ₹59000 (iii) ₹57300 (iv) ₹56400 (v) ₹57600

46. A banker gave foreign exchange of \$12 for ₹408. How many dollars will the customer get for ₹1020 ?

(i) \$25 (ii) \$35 (iii) \$30 (iv) \$27 (v) \$33

47. 13 workers take 12 days to build a room. After working for 6 days, 8 workers left. In how many more days is the room built ?

(i) 10.60 days (ii) 20.60 days (iii) 15.60 days (iv) 12.60 days (v) 18.60 days

A can do $\frac{1}{14}$ of a particular work in 6 days.

48. B can do $\frac{1}{12}$ of the same work in 11 days.

C can do $\frac{1}{2}$ of the same work in 13 days.

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

(i) $17\frac{15}{58}$ days (ii) $17\frac{13}{58}$ days (iii) $17\frac{17}{58}$ days (iv) $16\frac{41}{60}$ days (v) $17\frac{7}{8}$ days

49. A journey consists of three legs. First 130 km are travelled at a speed of 130 kmph. Next 84 km are travelled at a speed of 60 kmph. Last 56 km are travelled at a speed of 80 kmph. Find the total time taken to complete the journey.

(i) $2\frac{7}{12}$ hr (ii) $3\frac{3}{10}$ hr (iii) $2\frac{9}{10}$ hr (iv) $3\frac{7}{8}$ hr (v) $3\frac{1}{10}$ hr

50. In an eating contest, the eating capacities of A, B and C are 11 gm/sec, 7 gm/sec and 12 gm/sec respectively. the amount of food to be eaten is 9 kg, in how much time is it consumed if all three participants start eating together ?

(i) 5 min (ii) 7 min (iii) 3 min (iv) 6 min (v) 4 min

51. In a certain exam, for every correct answer, 4 marks are added. For every wrong answer 3 marks are subtracted. A student attempted 55 questions and secured 94 marks. How many answers are correct and how many are wrong?

(i) 38 correct and 17 wrong (ii) 37 correct and 18 wrong (iii) 36 correct and 19 wrong

(iv) 35 correct and 20 wrong (v) 39 correct and 16 wrong

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

Stage1 work can be done by 6 workers in 5 days.

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

52. Stage3 work can be done by 7 workers in 15 days.

If 5, 8 and 11 workers are hired to do Stage1, Stage2 and Stage3 works respectively, in how many days is the work completed ?

- (i) $33\frac{3}{22}$ days (ii) $32\frac{21}{22}$ days (iii) $33\frac{1}{24}$ days (iv) $33\frac{1}{20}$ days (v) $33\frac{1}{22}$ days

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

Low Val (kl)	High Val (kl)	Rate Rs/kl
0	50	17
50	60	22
60	80	27
80	remaining	32

53.

How much amount has to be paid if the consumption is 41 kl.

- (i) ₹697 (ii) ₹710 (iii) ₹703 (iv) ₹685 (v) ₹669

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

Low Val (kl)	High Val (kl)	Rate Rs/kl
0	30	18
30	40	23
40	90	28
90	remaining	33

54.

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

- (i) ₹641 (ii) ₹673 (iii) ₹679 (iv) ₹640 (v) ₹655

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

Low Val (kl)	High Val (kl)	Rate Rs/kl
0	20	20
20	40	25
40	80	30
80	remaining	35

55.

How much amount has to be paid if the consumption is 41 kl.

- (i) ₹930 (ii) ₹916 (iii) ₹943 (iv) ₹902

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

Low Val (kl)	High Val (kl)	Rate Rs/kl
0	40	15
40	60	20
60	70	25
70	remaining	30

56.

How much amount has to be paid if the consumption is 99 kl.

- (i) ₹2280 (ii) ₹2090 (iii) ₹2140 (iv) ₹1900 (v) ₹2120

Assignment Key

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