1. A and B can finish a piece of work in 30 days, B and C can finish a piece of work in 40 days, while C and A can finish a piece of work in 60 days. How long will they take to finish it together?

Answers

1. 80/3 days
2. 50/3 days
3. 25 days
4. 24 days

2. A cistern can be filled by pipes A and B in 4 hours and 6 hours respectively. When full, the tank can be emptied by a pipe C in 8 hours. If all the taps be turned on at the same time, the cistern will be full in -

ANS:
1. 3 hours 18 minute
2. 3 hours 48 minute
3. 3 hours 36 minute
4. 3 hours 26 minute

3. A can do a bit of work in 25 days which B can complete in 20 days. Both together labor for 5 days and afterward A leaves off. How long will B take to complete the remaining work?

Answers

1. 7 days
2. 8 days
3. 9 days
4. 11 days

4. A can finish a work in 15 days, B in 20 days and C in 25 days. All these three worked together and earned Rs.4700. The share of C is -

Answers

1. Rs.1200
2. Rs.1500
3. Rs.1800
4. Rs.2000

5. Two pipe can fill a cistern in 3 hours and 4 hours respectively and a waste pipe can empty it in 2 hours. If all the three pipes are kept open, then the cistern will be filled in __

Answers

1. 5 hours
2. 8 hours
3. 10 hours
4. 12 hours

6. 72 men can build a wall 280 m long in 42 days. The number of persons who would take 36 days to build a similar will 100 m in length will be

Answers

1. 15
2. 30
3. 25
4. 20

7. 15 men take 21 days of 8 hours each to do a piece of work. How many days of 6 hours each would 21 women take, 3 women do as much work as 2 men ?

Answers

1. 18
2. 20
3. 25
4. 30

8. A pipe can fill a tank with water in 3 hours. Due to leakage in bottom, it takes 3 1/2
 hours to fill it. In what time the leak will empty the completely filled tank?

Answers

1. 12 hours
2. 21 hours
3. 6 1/2 hours
4. 10 1/2 hours

9. A and B together can complete a work in 3 days. They started together but after 2 days, B left the work. If the work is completed after 2 more days, B alone could do the work in how many days?

Answers

1. 5 days
2. 6 days
3. 7 days
4. 10 days

10. Through an inlet, a tank takes 8 hours to get filled up. Due to a leak in the bottom, it takes 2 hours more to get it filled completely. If the tank is full, how much time will the leak take to empty it?

Answers

1. 16 hours
2. 20 hours
3. 32 hours
4. 40 hours