Time and Work

Total points 20/20

Email *

rupali2997pangare@gmail.com

Student Id *

200240320094

✓ 1. A is thrice as good as workman as B and therefore is able to finish a job in 60 days less than B. Working together, they can do it in: * 2/2

- ○ 20 days
- ◉ 22 1/2 days ✓
- ○ 25 days
- ○ 30 days

Feedback

22 1/2 days

✓ 2. A alone can do a piece of work in 6 days and B alone in 8 days. A and B undertook to do it for Rs. 3200. With the help of C, they completed the work in 3 days. How much is to be paid to C? * 2/2

- ○ Rs. 375
- ◉ Rs. 400 ✓
- ○ Rs. 600
- ○ Rs. 800

Feedback

Rs. 400

✓ 3. A can do a piece of work in 4 hours; B and C together can do it in 3 hours, while A and C together can do it in 2 hours. How long will B alone take to do it? * 2/2

- ○ 8 hours
- ○ 10 hours
- ◉ 12 hours ✓
- ○ 24 hours

Feedback

12 hours

✓ 4. A does 80% of a work in 20 days. He then calls in B and they together finish the remaining work in 3 days. How long B alone would take to do the whole work? * 2/2

- ○ 23 days
- ○ 37 days
- ◉ 37 1/2 days ✓
- ○ 40 days

Feedback

37 1/2 days

✓ 5. A and B can together finish a work 30 days. They worked together for 20 days and then B left. After another 20 days, A finished the remaining work. In how many days A alone can finish the work? * 2/2

- ○ 40 days
- ○ 50 days
- ○ 54 days
- ◉ 60 days ✓

✓ 6. 4 men and 6 women can complete a work in 8 days, while 3 men and 7 women can complete it in 10 days. In how many days will 10 women complete it? * 2/2

- ○ 35 days
- ◉ 40 days ✓
- ○ 45 days
- ○ 50 days

✓ 7. X and Y can do a piece of work in 20 days and 12 days respectively. X started the work alone and then after 4 days Y joined him till the completion of the work. How long did the work last? * 2/2

- ○ 6 days
- ◉ 10 days ✓
- ○ 15 days
- ○ 20 days

✓ 8. A, B and C can complete a piece of work in 24, 6 and 12 days respectively. Working together, they will complete the same work in: * 2/2

- ○ 1/24 day
- ○ 7/24 day
- ◉ 3 3/7 days ✓
- ○ 4 days

✓ 9. Twenty women can do a work in sixteen days. Sixteen men can complete the same work in fifteen days. What is the ratio between the capacity of a man and a woman? * 2/2

- ○ 3 : 4
- ◉ 4 : 3 ✓
- ○ 5 : 3
- ○ Data inadequate

✓ 10. Sonal and Preeti started working on a project and they can complete the project in 30 days. Sonal worked for 16 days and Preeti completed the remaining work in 44 days. How many days would Preeti have taken to complete the entire project all by herself? * 2/2

- ◉ 60 days ✓
- ○ 46 days
- ○ 55 days
- ○ 20 days