

Add or Subtract Time as Mixed Numbers

1. Perform the operation and then convert the result of expression into hours as a fraction.

- $3\frac{1}{3}$ hours – 43 minutes
- 4 hr 32 min – 50 minutes
- 1 hr 15 min + $3\frac{1}{4}$ hours
- $5\frac{1}{2}$ hours – 45 minutes – $2\frac{1}{4}$ hours

Solution:

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2. Mary started taking a bath at 7:45 AM. If she took a bath for $1\frac{1}{4}$ hours, at what time did she finish taking a bath?

Solution:

3. Peter started jogging to San Diego to Los Angeles at quarter past 5 in the morning. He jogged for $1\frac{1}{3}$ hours and then took a break for 30 minutes. Then, he jogged for another $2\frac{3}{5}$ hours and reach San Diego. At what time did Peter reach San Diego?

Solution:

4. John and Rica started taking their Math exam at the same time. John took $1\frac{1}{10}$ hours while Rica took 1 and a half hour to finish the exam. How much longer in minutes did Rica took the exam than John?

Solution:

5. Jenny started working on a business trip at 8:25 AM on 4th day of June 2020. If she worked for $8\frac{1}{4}$ days to finish the contract of a business trip, at what time and date did she leave the work?

Solution:

6. Shane studied for 1 hour and 40 minutes and the played mobile game for 3 hours and 20 minutes. How much longer did she play than study?

A. $1\frac{1}{4}$ hours

C. $1\frac{2}{3}$ hours

B. $1\frac{1}{3}$ hours

D. $1\frac{3}{4}$ hours

Solution:

Add or Subtract Time as Mixed Numbers

Answer Key

1. Perform the operation and then convert the result of expression into hours as a fraction.

- a. $3\frac{1}{3}$ hours – 43 minutes
- b. 4 hr 32 min – 50 minutes
- c. 1 hr 15 min + $3\frac{1}{4}$ hours
- d. $5\frac{1}{2}$ hours – 45 minutes – $2\frac{1}{4}$ hours

Solution:

- a. $2\frac{37}{60}$ hours
- b. $3\frac{7}{10}$ hours
- c. $4\frac{1}{2}$ hours
- d. $2\frac{1}{2}$ hours

2. Mary started taking a bath at 7:45 AM. If she took a bath for $1\frac{1}{4}$ hours, at what time did she finish taking a bath?

Solution:

9:00 AM

3. Peter started jogging to San Diego from Los Angeles at quarter past 5 in the morning. He jogged for $1\frac{1}{3}$ hours and then took a break for 30 minutes. Then, he jogged for another $2\frac{3}{5}$ hours and reach San Diego. At what time did Peter reach San Diego?

Solution:

9:41 AM

4. John and Rica started taking their Math exam at the same time. John took $1\frac{1}{10}$ hours while Rica took 1 and a half hour to finish the exam. How much longer in minutes did Rica took the exam than John?

Solution:

24 minutes

5. Jenny started working on a business trip at 8:25 AM on 4th day of June 2020. If she worked for $8\frac{1}{4}$ days to finish the contract of a business trip, at what time and date did she leave the work?

Solution:

12th day of June 2020;
2:25 PM

6. Shane studied for 1 hour and 40 minutes and the played mobile game for 3 hours and 20 minutes. How much longer did she play than study?

A. $1\frac{1}{4}$ hours

C. $1\frac{2}{3}$ hours

B. $1\frac{1}{3}$ hours

D. $1\frac{3}{4}$ hours

Solution:

C