

4.MD.A.2 Word Problems Involving Time Intervals – I

4.MD.A.2: Use the four operations to solve word problems involving distances, intervals of time, liquid volumes, masses of objects, and money

1. Use words to write time in two separate ways.

- a. 9:12
- b. 3:50
- c. 7:45
- d. 12:30
- e. 1:47
- f. 10:25

Solution:

- a. Nine Twelve; Twelve Minutes after Nine
- b. _____
- c. _____
- d. _____
- e. _____
- f. _____

2. Identify whether the event is likely to happen in the morning (AM) or evening (PM). Write the new time using AM or PM.

- a. Early jog at 6:30
- b. Breakfast at 7:00
- c. Lunch at 12:01
- d. Elementary school close at 3:30
- e. Music lesson at 11:40
- f. Dinner at 7:00

Solution:

- a. 6:30 AM
- b. _____
- c. _____
- d. _____
- e. _____
- f. _____

3. Trisha started her 2 mile run at 6:28 AM. She took 17 minutes to run 2 miles. At what time did she finish?

Solution:

4. Janice and her friends want to go watch a movie show that starts at 2:05 PM. Movie is an hour and 59 minutes long. When will the movie show end?

Solution:

5. The train left the terminal at 11:20 AM. The travel is 3 hours and 10 minutes. What time was it when the train arrived?

Solution:

6. A bus from New York City is scheduled to leave the terminal at 7:20 PM and travel for 4 hours and 28 minutes to Washington DC. However, the bus left the terminal 20 minutes later than the scheduled time. When will the bus arrive at Washington DC?

Solution:

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Answer Key

4.MD.A.2: Use the four operations to solve word problems involving distances, intervals of time, liquid volumes, masses of objects, and money

1. Use words to write time in two separate ways.

- a. 9:12
- b. 3:50
- c. 7:45
- d. 12:30
- e. 1:47
- f. 10:25

Solution:

- a. Nine Twelve; Twelve Minutes after Nine
- b. Three Fifty; Fifty Minutes after Three
- c. Seven Forty- Five; Forty- Five Minutes after Seven
- d. Twelve Thirty; Thirty Minutes after Twelve
- e. One Forty- Seven; Forty- Seven Minutes after One
- f. Ten Twenty- Five; Twenty- Five Minutes after Ten

2. Identify whether the event is likely to happen in the morning (AM) or evening (PM). Write the new time using AM or PM.

- a. Early jog at 6:30
- b. Breakfast at 7:00
- c. Lunch at 12:01
- d. Elementary school close at 3:30
- e. Music lesson at 11:40
- f. Dinner at 7:00

Solution:

- a. 6:30 AM
- b. 7:00 AM
- c. 12:01 PM
- d. 3:30 PM
- e. 11:40 AM
- f. 7:00 PM

3. Trisha started her 2 mile run at 6:28 AM. She took 17 minutes to run 2 miles. At what time did she finish?

6:45 AM

4. Janice and her friends want to go watch a movie show that starts at 2:05 PM. Movie is an hour and 59 minutes long. When will the movie show end?

4:04 PM

5. The train left the terminal at 11:20 AM. The travel is 3 hours and 10 minutes. What time was it when the train arrived?

2:30 PM

6. A bus from New York City is scheduled to leave the terminal at 7:20 PM and travel for 4 hours and 28 minutes to Washington DC. However, the bus left the terminal 20 minutes later than the scheduled time. When will the bus arrive at Washington DC?

12:08 AM