

4.MD.A.1 Time Units and Conversions Word Problems - I

4.MD.A.1: Know relative sizes of measurement units within one system of units

1. Convert the time units as instructed.

- 1 hour to seconds
- 180 minutes to hours
- 3 minutes to seconds
- 7,200 seconds to hours
- 120 seconds to minutes
- 3 days to hours
- 1 and a quarter hours to minutes

Solution:

- _____
- _____
- _____
- _____
- _____
- _____
- _____

2. Josh studied mathematics for 2 hours. He studied English for 50 minutes. How many minutes did he spend studying both the subjects?

Solution:

3. Jasmine took a walk. She started walking at 6:15 AM and finished at 7:05 AM. How many minutes did he spend walking?

Solution:

4. Mike takes 92 minutes to drive home from his office. If he got home at 7:00PM, at what time did he start to drive from his office?

Solution:

5. Oliver and his friends went to watch a football game. The game started at 5:45 PM and ended at 9:20 PM. For how many minutes was the game played?

Solution:

6. Bella and Jackson started to take a long quiz at the same time. Bella took 3,180 seconds to complete the long quiz. Jackson took 52 minutes and 30 seconds. Who finished earlier?

Solution:

7. Jenny watched a movie that started at 4:45 PM and finished at 6:50 PM. For how many minutes did she spend watching a movie?

Solution:

8. Which of these is NOT used as a unit to measure time?

- | | |
|-----------|-----------|
| A. Hour | C. Meter |
| B. Minute | D. Second |

Solution:

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Answer Key

4.MD.A.1: Know relative sizes of measurement units within one system of units

1. Convert the time units as instructed.

- 1 hour to seconds
- 180 minutes to hours
- 3 minutes to seconds
- 7,200 seconds to hours
- 120 seconds to minutes
- 3 days to hours
- 1 and a quarter hours to minutes

Solution:

- 60 seconds
- 3 hours
- 180 seconds
- 2 hours
- 2 minutes
- 72 hours
- 75 minutes

2. Josh studied mathematics for 2 hours. He studied English for 50 minutes. How many minutes did he spend studying both the subjects?

170 minutes

3. Jasmine took a walk. She started walking at 6:15 AM and finished at 7:05 AM. How many minutes did he spend walking?

50 minutes

4. Mike takes 92 minutes to drive home from his office. If he got home at 7:00PM, at what time did he start to drive from his office?

5:28 PM

5. Oliver and his friends went to watch a football game. The game started at 5:45 PM and ended at 9:20 PM. For how many minutes was the game played?

215 minutes

6. Bella and Jackson started to take a long quiz at the same time. Bella took 3,180 seconds to complete the long quiz. Jackson took 52 minutes and 30 seconds. Who finished earlier?

Jackson

7. Jenny watched a movie that started at 4:45 PM and finished at 6:50 PM. For how many minutes did she spend watching a movie?

125 minutes

8. Which of these is NOT used as a unit to measure time?

- | | |
|-----------|-----------|
| A. Hour | C. Meter |
| B. Minute | D. Second |

C