Word Problems

Converting Units of Time [1]

1. The race took Darryl 2 minutes and 43 seconds. The same race took Ian 170 seconds. Who was fastest?

2. Mel estimated that the drive would take 50 hours. It ended up taking 2 days and 5 hours. Did the drive take longer or shorter than she estimated? By how much?

3. The battery on the laptop was advertised to last 450 minutes. Brad is confused. Convert 450 minutes to hours and minutes for Brad.

4. The recipe says that the stew should cook for 1 hour and 50 minutes. Lyn has been cooking it for 74 minutes. How much longer does the stew need to cook for?

5. Rick has only 2 hour and 44 minutes until he needs to leave. He wants to watch a movie that goes for 158 minutes. Does he have enough time to watch the whole movie before he has to leave?

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Word Problems Answers

Converting Units of Time [1]

1. The race took Darryl 2 minutes and 43 seconds. The same race took Ian 170 seconds. Who was fastest?

Darryl was fastest

2. Mel estimated that the drive would take 50 hours. It ended up taking 2 days and 5 hours. Did the drive take longer or shorter than she estimated? By how much?

Longer by 3 hours

3. The battery on the laptop was advertised to last 450 minutes. Brad is confused. Convert 450 minutes to hours and minutes for Brad.

7 hours 30 mins

4. The recipe says that the stew should cook for 1 hour and 50 minutes. Lyn has been cooking it for 74 minutes. How much longer does the stew need to cook for?

36 minutes more

5. Rick has only 2 hour and 44 minutes until he needs to leave. He wants to watch a movie that goes for 158 minutes. Does he have enough time to watch the whole movie before he has to leave?

Yes, he has to leave in 164 minutes and the movie only goes for 158 minutes

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