

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

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

- The baseball game started at 7:20 PM. It ended at 10:05 PM.
For how many minutes was the game played?

Solution:

- Complete the time unit conversion tables.

Hours	Minutes	Seconds
1		
4		
10		
12		
24		

Days	Hours	Minutes
1		
2		
3		
4		
5		

- Harry spent 87 minutes working on a school project. If he started at 5:20 PM, what time did he finish?

Solution:

- A clock in New York shows 5 PM when a clock in San Francisco shows 2 PM. Emily boards a flight from San Francisco to New York at 7:30 AM according to the clock in San Francisco. If the flight landed at 3:58 PM according to the clock in New York, how many minutes was the flight from San Francisco to New York?

Solution:

- Amanda takes 3 minutes to read one page of a book. She started reading at 7:15 PM and finished reading at 8:27 PM. How many pages did she read during this time?

Solution:

- Hazel walk for 2,700 seconds. If she left at 6:30 AM, what time did she return?

Solution:

- Which of these show the same amount of time as 2,520 seconds?

A. 1 hour and 1000 seconds

C. 42 minutes

B. 30 minutes

D. Quarter hour

Solution:

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Answer Key

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

1. The baseball game started at 7:20 PM. It ended at 10:05 PM.
For how many minutes was the game played?

165 minutes

2. Complete the time unit conversion tables.

Hours	Minutes	Seconds
1	60	3,600
4	240	14,400
10	600	36,000
12	720	43,200
24	1,440	86,400

Days	Hours	Minutes
1	24	1,440
2	48	2,880
3	72	4,320
4	96	5,760
5	120	7,200

3. Harry spent 87 minutes working on a school project. If he started at 5:20 PM, what time did he finish?

6:47 PM

4. A clock in New York shows 5 PM when a clock in San Francisco shows 2 PM. Emily boards a flight from San Francisco to New York at 7:30 AM according to the clock in San Francisco. If the flight landed at 3:58 PM according to the clock in New York, how many minutes was the flight from San Francisco to New York?

328 minutes

5. Amanda takes 3 minutes to read one page of a book. She started reading at 7:15 PM and finished reading at 8:27 PM. How many pages did she read during this time?

24 pages

6. Hazel walk for 2,700 seconds. If she left at 6:30 AM, what time did she return?

7:15 AM

7. Which of these show the same amount of time as 2,520 seconds?
- A. 1 hour and 1000 seconds C. 42 minutes
- B. 30 minutes D. Quarter hour

C