

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

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

Harry's Daily Activity Chart

Activity	Duration
Homework	100 minutes
Swimming Practice	50 minutes
Piano Lesson	30 minutes
Piano Practice	45 minutes
Daily Jog	40 minutes

1. Use the data in the table to solve the following problems.

a. Harry started doing his homework at 4:00 PM. At what time does he complete his homework?

Solution:

b. How many hours does Harry spend in total in swimming practice and daily jog?

Solution:

c. Harry goes for the piano lesson 6 days a week. How many hours does he spend in piano lesson in a week?

Solution:

d. Harry starts a timer before starting to practice piano. The timer show the time in seconds. How many seconds does the timer show when he finished the piano practice?

Solution:

2. Daniel is making pot roast beef for dinner. He has been cooking the pot roast beef for 70 minutes. The pot roast beef needs to cook for 50 minutes more. How many hours does the pot roast beef cook in total?

Solution:

3. An airplane is flying at the speed of 600 miles an hour. How many miles does the plane fly in a minute? How many miles does the plane fly in 25 minutes?

Solution:

4. A train is travelling at the speed of 2 miles a minute. How many hours does it take the train to travel 480 miles?

Solution:

5. Bea spends 50 minutes each day practicing the guitar. After 6 days, how many hours did Bea spend in practicing the guitar?

Solution:

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Answer Key

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Harry's Daily Activity Chart

Activity	Duration
Homework	100 minutes
Swimming Practice	50 minutes
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Piano Practice	45 minutes
Daily Jog	40 minutes

1. Use the data in the table to solve the following problems.

a. Harry started doing his homework at 4:00 PM. At what time does he complete his homework?

5:40 PM

b. How many hours does Harry spend in total in swimming practice and daily jog?

1 ½ hours

c. Harry goes for the piano lesson 6 days a week. How many hours does he spend in piano lesson in a week?

3 hours

d. Harry starts a timer before starting to practice piano. The timer show the time in seconds. How many seconds does the timer show when he finished the piano practice?

2700 seconds

2. Daniel is making pot roast beef for dinner. He has been cooking the pot roast beef for 70 minutes. The pot roast beef needs to cook for 50 minutes more. How many hours does the pot roast beef cook in total?

2 hours

3. An airplane is flying at the speed of 600 miles an hour. How many miles does the plane fly in a minute? How many miles does the plane fly in 25 minutes?

10 miles in a minute

250 miles in 25 minutes

4. A train is travelling at the speed of 2 miles a minute. How many hours does it take the train to travel 480 miles?

4 hours

5. Bea spends 50 minutes each day practicing the guitar. After 6 days, how many hours did Bea spend in practicing the guitar?

5 hours