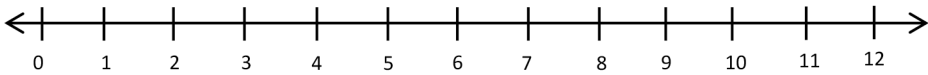


Name \_\_\_\_\_ Date \_\_\_\_\_

Use RDW to solve Problems 1–2.

1. Jeffrey practiced his drums from 4:00 p.m. until 7:00 p.m. How many minutes did he practice? Use the number line to show your work.



2. Isla used her computer for 5 hours over the weekend. How many minutes did she spend on the computer?

3. Complete the following conversion tables and write the rule under each table.

Hours	Minutes
1	
2	
5	
9	
12	

Days	Hours
1	
3	
6	
8	
20	

The rule for converting hours to minutes is  
\_\_\_\_\_.

The rule for converting days to hours is  
\_\_\_\_\_.

4. Solve.
- |  |   |
|--|---|
| a. 10 hours 30 minutes = _____ minutes | b. 6 minutes 15 seconds = _____ seconds |
| c. 4 days 20 hours = _____ hours       | d. 3 minutes 45 seconds = _____ seconds |
| e. 23 days 21 hours = _____ hours      | f. 17 hours 5 minutes = _____ minutes   |

5. Explain how you solved Problem 4(f).

6. It took a space shuttle 8 minutes, 36 seconds to launch and reach outer space. How many seconds did it take?

7. Apollo 16's mission lasted just over 1 week, 4 days. How many hours are there in 1 week, 4 days?

## Answer Key

1. 180 minutes
2. 300 minutes
3. a. 60, 120, 300, 540, 720; multiply the number of hours times 60  
b. 24, 72, 144, 192, 480; multiply the number of days times 24
4. a. 630  
b. 375  
c. 116  
d. 225  
e. 573  
f. 1,025
5. Explanations will vary.
6. 516 seconds
7. 264 hours