## BLM 7-10

## Section 7.4 Math Link

This worksheet will help you with the Math Link on page 259.

**1.** There are 60 min in 1 h. Write each time as a fraction out of 60.

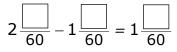
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Example: 8:10 p.m. = 8\frac{10}{60}
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- **a)** 9:20 a.m. = \_\_\_\_\_
- **b)** 7:48 a.m. = \_\_\_\_\_
- **c)** 12:12 p.m. = \_\_\_\_\_
- **2.** The time now is 2:15 p.m. What was the time 1 h and 12 min ago? Write your answer as a fraction.

First, write each time as a fraction out of 60.

2:15 p.m. =  $2\frac{1}{60}$  1 h 12 min =  $1\frac{1}{60}$ 

Then, subtract these two fractions.



**3.** The time now is 4:30 p.m. What will be the time 2 h and 36 min from now? Write your answer as a fraction.

First, write each time as a fraction out of 60.

4:30 p.m. =  $4\frac{1}{60}$  2 h and 36 min =  $2\frac{1}{60}$ Then, add these two fractions.

**4.** Amanda studied for  $\frac{1}{3}$  of an hour. She started studying at 9:15 p.m. At what time did she finish studying?

9:15 p.m. =  $9\frac{1}{60}$   $\frac{1}{3}$  of an hour =  $\frac{1}{60}$ 

To find the answer, you need to ADD SUBTRACT the two numbers. Calculate the answer.

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BLM 7–10 (continued)

**5.** a) How much time passed between 1:07 p.m. and 3:42 p.m.? Write each time as a fraction.

To find the answer, you need to ADD SUBTRACT the two numbers. Calculate the answer.

**b)** How much time passed between 5:45 p.m. and 9:20 p.m.? Write each time as a fraction.

To find the answer, you need to ADD SUBTRACT the two numbers. Calculate the answer.

**6.** Sam started reading the newspaper at 9:45 a.m. and finished reading it in  $\frac{7}{12}$  h. Mila took  $\frac{1}{4}$  h more to read the paper than Sam did. She started at 10:30 a.m. At what time did she finish reading the paper?

a) How long did it take Sam to read the paper? \_\_\_\_\_ h

- **b)** How much longer did it take Mila to read the paper than Sam? \_\_\_\_\_ h
- c) To determine how long it took Mila to read the paper, you need to ADD SUBTRACT these two numbers: \_\_\_\_\_ and \_\_\_\_. Calculate.

It took Mila \_\_\_\_\_ h to read the paper.

**d)** At what time did Mila start reading the paper? \_\_\_\_\_ Write this time as a fraction out of 60.

To determine at what time Mila finished reading the paper, you need to ADD SUBTRACT these two numbers: \_\_\_\_\_ and \_\_\_\_. Calculate.

Mila finished reading the paper at \_\_\_\_\_

Write this fraction as a time.