Name: _____ Date: _____

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.

Example: 8:10 p.m. = $8\frac{10}{60}$

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. = $2\frac{\square}{60}$ 1 h 12 min = $1\frac{\square}{60}$

Then, subtract these two fractions.

$2\frac{\square}{60} - 1\frac{\square}{60} = 1\frac{\square}{60}$

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. = $4\frac{\square}{60}$ 2 h and 36 min = $2\frac{\square}{60}$

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. = $9\frac{\square}{60}$ $\frac{1}{3}$ of an hour = $\frac{\square}{60}$

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

Name: _____ Date: _____

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.