Running with Word Problems:
Practicing Adding Mixed Number Fractions

Name: _____   Date: _____

Read and solve the following word problems below. Show your calculations for each exercise.

1. In an upcoming cross-country relay race, Milo planned to run 2 and 1/8 miles and Portia planned to run 4 and 3/5 miles. How many combined miles did Milo and Portia plan to run?

6 and 29/40 miles

2. In the second race of the meet, Hazel planned to run 5 and 2/7 miles and Eli planned to run 1 and 1/8 miles. How many miles did Hazel and Eli plan to run all together?

6 and 23/56 miles

3. Zoe's relay team has sprint drills for 2/8 of an hour, while Demarius' junior varsity squad has a conditioning run planned for 1 and 6/8 hours. How many hours, combined, will Demarius' and Zoe's groups be training?

2 hours
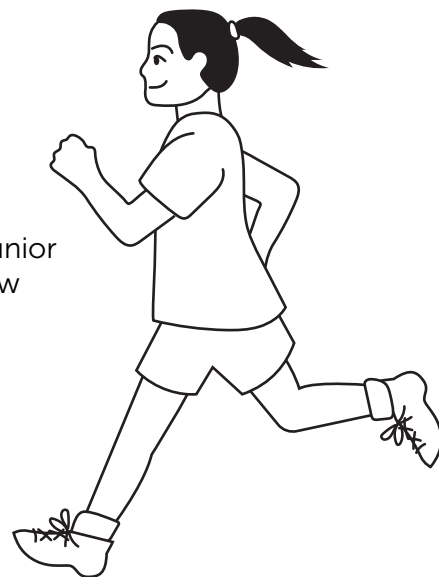
Running Further

Directions: *Answer the following questions using pictures, words, and symbols.*

A. What do problems #1 and #2 have in common?

Answers will vary but may include: That both answers include the same whole number; also both problems have an addend with denominations in eighths.

B. How are problems #1 and #2 different than #3?

Answers will vary but may include: Problem #3 has a whole number sum.

C. What clues do sums give us about addends?

Answers will vary but may include: How if you take one addend away from the sum, you get the other addend.