Do Now: Tell whether the ratios are equivalent.

- 1. 5/2 to 20/8  $\frac{5}{2} = \frac{5}{3}$  Yes
- 2. 12 to 3 and 6 to 2
- 3. 6:18 and 10:30

$$\frac{\#21,19}{5+} = \frac{\#4.32}{14d}$$

$$\frac{\#1.44}{5+} = \frac{\#4.32}{14d}$$

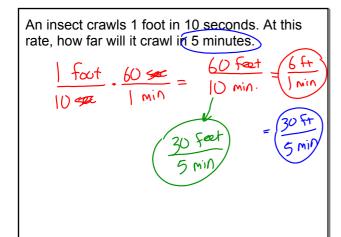
$$\frac{3\#}{14} = \frac{\#4.32}{14d}$$

$$\frac{3\#}{14} = \frac{14}{14d}$$

An archer shoots 60 arrows at a target, with 44 arrows hitting the scoring area.

a) Write a ratio of the number of hits to the number of shots.

b) Write a ratio of the number of hits to the number of misses.



## Exit Pass 7.1

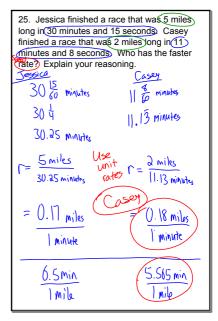
One adult chaperone is required to accompany every six students on a museum tour. How would you write this ratio of students to adults? Represent the ratio in three different ways.

#### 7.1 Ratios and Rates

#### 7.RP

- SWBAT find ratios and unit rates.
- SWBAT understand ways of representing numbers; understand relationships among numbers.

Calculators: Yes



"Don't blame the sea if you cannot catch a fish."

Working individually or with a partner, complete the workbook.

# Workbook pg. 89 #2-26 revens



Answers to the Workbook

1. 4/5 4:5 4 to 5 2. 9/17 9:17 9 to 17

3. 3/-7 3:-7 3 to -7 4. 3/2 3:2 3 to 2

5. -3/10 -3:10 -3 to 10 6. 4/5 4:5 4 to 5

7. 3/1 3:1 3 to 1 8. 8/3 8:3 8 to 3

Answers to the Workbook

9. 300 inches 10. 720 seconds

11. 120 ounces 12. \$2.33

13. 54 pts per game 14. 40 people per boat

15. 62 miles per hour 16. 24 hours per day

17. 32 cups per gallon 18. 0.625 inches per year

19. x = 1 20. c = 25

23. 2:3 24. 2:1

Answers to the Workbook

25. Casey

26. Large can

### Exit Pass 7.1

On a scale on 1 to 10 (1 being the lowest and 10 being the highest), how confident are you with finding ratios and unit rates?

# **Reflection of Today's Lesson**

### 7.1 Ratios and Rates

#### 7.RP

- SWBAT find ratios and unit rates.
- SWBAT understand ways of representing numbers; understand relationships among numbers.

Calculators: Yes

# <u>Homework</u>



