NAME:_____ DATE:_____ HOUR:_____

Section 5.3 Review

Given each double number line, write two different rates that represent the situation.

1)	2)
Flour (cups) 0 2 4 6 8 10 12 14 16 18 20 22 24 Milk (cups) 0 3 6 9 12 15 18 21 24 27 30 33 36	Trombones 0 8 16 24 32 40 48 Snare Drums 0 5 10 15 20 25 30

For each of the following rates, determine the unit rate for the situation.

3) You saved $35 in 7 weeks	4) It costs $5 for 2 gallons of milk
5) You traveled 120 miles in 3 hours	6) There are 550 calories in 10 servings
7) You went 1545 miles on 15 gallons of gas	8) There are 300 students in 20 classes

Solve each of the following problems.

9) You earn $40 for washing 8 cars. How much do you earn for washing 5 cars?	10) It took you 35 minutes to complete 5 problems in math. How long would it take to complete 8 math problems?

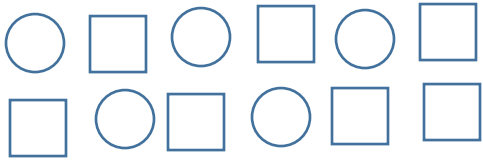Determine if the following rates are equivalent or not. Explain your reasoning.

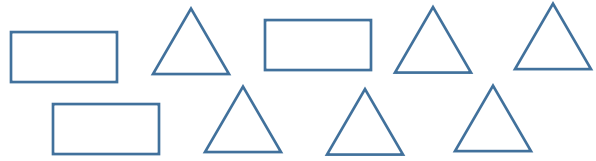| 11) 30 laps around the track in 15 minutes
     16 laps around the track in 10 minutes
	12) $12 for 4 pounds
	     $9 for 3 pounds

NAME:_____ DATE:_____ HOUR:_____

Section 5.2 Review

Write three different ratios that describe the collection shown.

1) Circles to Squares	2) Triangles to Rectangles

Find the missing value(s) in the ratio tables. Then write the equivalent ratios.

3)

1	7	
5		25

4)

2		12
7	21	

5)

8	24	
1		8

6)

20		80
2	1	

7)

45	3	
15		60

8)

4		1
9	99	