Name:_____ Date:_____ Period:_____ Teacher:_____

4-1 Weekly Homework

1. Hannah increases the number of push-ups she is able to do by 5 each week. If the first week she could do 10 push-ups, which week will she be able to do 40 push-ups?

   a. Week 8 b. Week 7 c. Week 5 d. Week 3

2. Between which two days was the change in temperature the greatest?

Temperature at 9 A.M.					
Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
55°	62°	71°	65°	50°	61°

   a. Tuesday and Wednesday
   b. Wednesday and Thursday
   c. Thursday and Friday
   d. Friday and Saturday

3. The prices of 4 different containers of peanuts are given in the table below.

Peanuts	
Size (oz)	**Price**
8	$1.99
12	$2.75
16	$3.60
32	$7.20

   Which size container is the better buy?

   a. The 32-oz container only
   b. The 32-oz container and the 16 oz-container
   c. The 32-oz and the 12-oz container
   d. The 8-oz container

4. Which of the following fractions is NOT equivalent to $\frac{36}{48}$?

a. $\frac{3}{4}$ b. $\frac{4.5}{6}$ c. $\frac{9}{16}$ d. $\frac{72}{96}$

5. A knitting machine can produce 3 scarves in 20 minutes. How many scarves can the machine produce in 1 hour?

6. What is the result when the sum of -5 and 3 is multiplied by the sum of -2 and -8 ?

Simplify each expression.

7. $4^2 + 2(-4 + 7)^3 \div 2$ 8. $5(4 + 3 \times 2 \div 3)^2$ 9. $10 \div 5 + 8 \div 2 \times 4$

10. Change the fraction $\frac{5}{8}$ to a decimal and a percent.