

Name: \_\_\_\_\_

Period: \_\_\_\_\_

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**Homework 5-3**  
**Adding and Subtracting Fractions**  
**(Same Denominator)**

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**Unit 5**

**Review.** Evaluate the expression for the given value of the variable.

1.  $6x$  when  $x = 7$

Answer \_\_\_\_\_

2.  $1+a$  when  $a = 12$

Answer \_\_\_\_\_

Answer \_\_\_\_\_

4.  $17-c$  when  $c = 2$

5.  $\frac{k}{5}$  when  $k = 30$

3.  $4p+5$  when  $p = 16$

Answer \_\_\_\_\_

Answer \_\_\_\_\_

**Find each sum or difference. All answers need to be reduced.**

1.  $\frac{5}{6} - \frac{1}{6}$

3.  $\frac{7}{10} - \frac{3}{10}$

5.  $2\frac{1}{8} + 4\frac{1}{8}$

2.  $\frac{4}{7} + \frac{2}{7}$

4.  $\frac{1}{12} + \frac{1}{12}$

6.  $-\frac{3}{11} + -\frac{1}{11}$

7.  $6\frac{2}{13} + 3\frac{4}{13}$

10.  $\frac{1}{4} - \frac{2}{4}$

13.  $\frac{6}{5} + \frac{3}{5}$

8.  $1\frac{1}{15} + 3\frac{3}{15}$

11.  $15\frac{4}{7} - 2\frac{1}{7}$

14.  $\frac{18}{8} + \frac{3}{8}$

9.  $\frac{9}{2} - \frac{1}{2}$

12.  $\frac{1}{20} + \frac{1}{20}$

15.  $\frac{10}{5} - \frac{3}{5}$

16. The average height of males who live in the Netherlands are  $1\frac{4}{5}$  inches taller than those in the United States. The average height of an adult male in the United States is  $70\frac{4}{5}$  inches. What is the average height of men in the Netherlands?

17. Simon bicycled  $8\frac{7}{8}$  miles on Friday and  $5\frac{3}{8}$  miles on Saturday. How much farther did he ride on Friday?