

Homework 3-5  
Reducing Fractions

Unit 3

**Review.**

Simplify using the order of operations.

1.  $-9 - |5 - 7| - 9$

4.  $\frac{12 \div 4 \cdot 3}{-8 - -5}$

2.  $\frac{16}{7 + 3(-5)}$

5.  $1 - [10 - (2 - 6)]$

3.  $5 + [5 - (7 + 3)]$

6.  $5 + 3(4)$

Write each fraction in simplest form.

7.  $\frac{49}{70}$

11.  $\frac{72}{72}$

15.  $\frac{32}{50}$

8.  $\frac{5}{30}$

12.  $\frac{18}{21}$

16.  $\frac{56}{64}$

9.  $\frac{6}{14}$

13.  $\frac{45}{75}$

17.  $\frac{14}{35}$

10.  $\frac{14}{28}$

14.  $\frac{50}{200}$

18.  $\frac{39}{45}$

Find equivalent fractions to the given fraction by multiplying by the given value.

	Multiply by 2	Multiply by 4	Multiply by 9	Multiply by 10
$\frac{3}{4}$	19.	20.	21.	22.
$\frac{7}{9}$	23.	24.	25.	26.
$\frac{7}{11}$	27.	28.	29.	30.