

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



# Simplifying Ratios

**Part I:** Rewrite each ratio in reduced form.

1.)  $4:12 = \underline{\quad}:\underline{\quad}$

5.)  $7:49 = \underline{\quad}:\underline{\quad}$

2.)  $8:18 = \underline{\quad}:\underline{\quad}$

6.)  $30:100 = \underline{\quad}:\underline{\quad}$

3.)  $10:2 = \underline{\quad}:\underline{\quad}$

7.)  $4:80 = \underline{\quad}:\underline{\quad}$

4.)  $24:32 = \underline{\quad}:\underline{\quad}$

8.)  $14:63 = \underline{\quad}:\underline{\quad}$

**Part II:** Write each ratio as a fraction in simplest form.

9.)  $6:9 = \underline{\quad}$

13.)  $17:34 = \underline{\quad}$

10.)  $16:40 = \underline{\quad}$

14.)  $18:27 = \underline{\quad}$

11.)  $11:44 = \underline{\quad}$

15.)  $25:75 = \underline{\quad}$

12.)  $24:42 = \underline{\quad}$

16.)  $18:120 = \underline{\quad}$

## ANSWER KEY

Part I: Rewrite each ratio in reduced form.

1.)  $4:12 = 1:3$

5.)  $7:49 = 1:7$

2.)  $8:18 = 4:9$

6.)  $30:100 = 3:10$

3.)  $10:2 = 5:1$

7.)  $4:80 = 1:20$

4.)  $24:32 = 3:4$

8.)  $14:63 = 2:9$

Part II: Write each ratio as a fraction in simplest form.

9.)  $6:9 = \frac{2}{3}$

13.)  $17:34 = \frac{1}{2}$

10.)  $16:40 = \frac{2}{5}$

14.)  $18:27 = \frac{2}{3}$

11.)  $11:44 = \frac{1}{4}$

15.)  $25:75 = \frac{1}{3}$

12.)  $24:42 = \frac{4}{7}$

16.)  $18:120 = \frac{3}{20}$