

Name: _____



Simplifying Ratios

Part I: Rewrite each ratio in reduced form.

1.) $4:8 = \underline{\quad}:\underline{\quad}$

5.) $2:24 = \underline{\quad}:\underline{\quad}$

2.) $6:10 = \underline{\quad}:\underline{\quad}$

6.) $9:30 = \underline{\quad}:\underline{\quad}$

3.) $12:8 = \underline{\quad}:\underline{\quad}$

7.) $4:100 = \underline{\quad}:\underline{\quad}$

4.) $21:28 = \underline{\quad}:\underline{\quad}$

8.) $18:9 = \underline{\quad}:\underline{\quad}$

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

9.) $3:6 = \underline{\hspace{2cm}}$

13.) $14:21 = \underline{\hspace{2cm}}$

10.) $5:25 = \underline{\hspace{2cm}}$

14.) $15:25 = \underline{\hspace{2cm}}$

11.) $9:36 = \underline{\hspace{2cm}}$

15.) $6:20 = \underline{\hspace{2cm}}$

12.) $16:48 = \underline{\hspace{2cm}}$

16.) $14:77 = \underline{\hspace{2cm}}$

ANSWER KEY

Part I: Rewrite each ratio in reduced form.

1.) $4:8 = 1:2$

5.) $2:24 = 1:12$

2.) $6:10 = 3:5$

6.) $9:30 = 3:10$

3.) $12:8 = 3:2$

7.) $4:100 = 1:25$

4.) $21:28 = 3:4$

8.) $18:9 = 2:1$

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

9.) $3:6 = \frac{1}{2}$

13.) $14:21 = \frac{2}{3}$

10.) $5:25 = \frac{1}{5}$

14.) $15:25 = \frac{3}{5}$

11.) $9:36 = \frac{1}{4}$

15.) $6:20 = \frac{3}{10}$

12.) $16:48 = \frac{1}{3}$

16.) $14:77 = \frac{2}{11}$