

Assignment #2: Problems 1-11, all; then 13-23, odds

Fractions in Simplest Form

Name _____

Date _____

Rename $\frac{21}{56}$ in simplest form, or lowest terms.

Find the GCF of the numerator and the denominator.

Divide the numerator and the denominator by their GCF.

21: 1, 3, 7, 21

56: 1, 2, 4, 7, 8, 14, 28, 56

$$\frac{21}{56} = \frac{21 \div 7}{56 \div 7} = \frac{3}{8}$$

The simplest form of $\frac{21}{56}$ is $\frac{3}{8}$.

Circle the letter of the GCF of the numerator and the denominator of each fraction.

1. $\frac{9}{12}$

a. 6

b. 3

c. 2

d. 9

2. $\frac{4}{8}$

a. 1

b. 2

c. 0

d. 4

3. $\frac{16}{40}$

a. 2

b. 4

c. 8

d. 16

Is the fraction in lowest terms? Write *yes* or *no*. If *no*, rename the fraction in simplest form.

4. $\frac{3}{8}$ _____

5. $\frac{4}{10}$ _____

6. $\frac{5}{16}$ _____

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

8. $\frac{12}{27}$ _____

9. $\frac{5}{12}$ _____

10. $\frac{8}{32}$ _____

11. $\frac{11}{33}$ _____

Rename each as a fraction in simplest form.

12. $\frac{10}{15}$

13. $\frac{21}{28}$

14. $\frac{35}{40}$

15. $\frac{18}{81}$

16. $\frac{15}{18}$

17. $\frac{28}{56}$

18. $\frac{9}{30}$

19. $\frac{8}{88}$

20. $\frac{15}{25}$

21. $\frac{14}{63}$

22. $\frac{10}{16}$

23. $\frac{32}{40}$
