



Name _____

Fractions in Simplest Form

H 7-8

Write each fraction in simplest form. Write *yes* if the fraction is already in simplest form.

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|----------------------------|---------------------------|----------------------------|----------------------------|
| 1. $\frac{5}{10}$ _____ | 2. $\frac{3}{9}$ _____ | 3. $\frac{9}{10}$ _____ | 4. $\frac{3}{12}$ _____ |
| 5. $\frac{11}{15}$ _____ | 6. $\frac{16}{18}$ _____ | 7. $\frac{4}{12}$ _____ | 8. $\frac{10}{18}$ _____ |
| 9. $\frac{26}{36}$ _____ | 10. $\frac{1}{7}$ _____ | 11. $\frac{6}{30}$ _____ | 12. $\frac{14}{20}$ _____ |
| 13. $\frac{32}{40}$ _____ | 14. $\frac{3}{100}$ _____ | 15. $\frac{96}{100}$ _____ | 16. $\frac{60}{100}$ _____ |
| 17. $\frac{16}{100}$ _____ | 18. $\frac{5}{39}$ _____ | 19. $\frac{8}{70}$ _____ | 20. $\frac{3}{13}$ _____ |
| 21. $\frac{6}{21}$ _____ | 22. $\frac{13}{52}$ _____ | 23. $\frac{11}{44}$ _____ | 24. $\frac{15}{85}$ _____ |

Circle the fractions that are in simplest form.

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|------------------------|--------------------|--------------------|--------------------|--------------------|
| 25. a. $\frac{12}{15}$ | b. $\frac{4}{10}$ | c. $\frac{5}{6}$ | d. $\frac{9}{15}$ | e. $\frac{10}{20}$ |
| 26. a. $\frac{5}{12}$ | b. $\frac{9}{18}$ | c. $\frac{3}{6}$ | d. $\frac{7}{14}$ | e. $\frac{8}{12}$ |
| 27. a. $\frac{6}{16}$ | b. $\frac{11}{12}$ | c. $\frac{12}{15}$ | d. $\frac{10}{14}$ | e. $\frac{15}{25}$ |
| 28. a. $\frac{14}{28}$ | b. $\frac{6}{21}$ | c. $\frac{5}{40}$ | d. $\frac{13}{39}$ | e. $\frac{7}{18}$ |

29. **Math Reasoning** Sal noticed that both the numerator and denominator of $\frac{9}{27}$ are odd numbers, so he divided by 3 to get $\frac{3}{9}$. Explain why the fraction is not yet in simplest form. What can Sal do now to find the simplest form?

Test Prep Circle the correct letter for each answer.

30. Which of the following is in simplest form?

A $\frac{11}{33}$

B $\frac{3}{11}$

C $\frac{9}{111}$

D $\frac{13}{39}$

31. Which of the following is in simplest form?

F $\frac{13}{182}$

G $\frac{18}{24}$

H $\frac{9}{111}$

J $\frac{9}{14}$