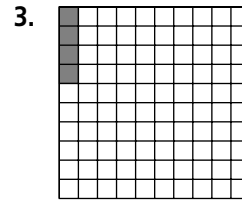
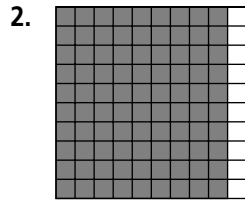
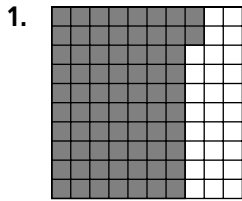


Practice 3-8

Fractions and Decimals

Write the decimal represented by each model as a fraction in simplest form.



Write each decimal as a fraction or mixed number in simplest form.

4. 0.6 _____ 5. 1.25 _____ 6. 0.74 _____ 7. 0.29 _____
 8. 0.635 _____ 9. 0.8 _____ 10. 6.16 _____ 11. 0.95 _____
 12. 0.645 _____ 13. 0.782 _____ 14. 0.493 _____ 15. 0.758 _____

Write each fraction or mixed number as a decimal.

16. $\frac{5}{6}$ _____ 17. $\frac{7}{8}$ _____ 18. $\frac{9}{16}$ _____ 19. $2\frac{4}{25}$ _____
 20. $\frac{1}{12}$ _____ 21. $1\frac{4}{15}$ _____ 22. $\frac{9}{100}$ _____ 23. $\frac{8}{9}$ _____
 24. $\frac{7}{25}$ _____ 25. $\frac{3}{50}$ _____ 26. $\frac{1}{125}$ _____ 27. $\frac{6}{11}$ _____

State whether each fraction is less than, equal to, or greater than 0.25.

28. $\frac{1}{3}$ _____ 29. $\frac{3}{12}$ _____ 30. $\frac{4}{9}$ _____
 31. $\frac{2}{8}$ _____ 32. $\frac{6}{15}$ _____ 33. $\frac{4}{16}$ _____
 34. $\frac{1}{10}$ _____ 35. $\frac{9}{100}$ _____ 36. $\frac{2}{10}$ _____

Determine whether each statement of equality is true or false.

37. $\frac{2}{6} = 0.33\bar{3}$ _____ 38. $0.4 = \frac{6}{15}$ _____ 39. $0.5 = \frac{8}{15}$ _____
 40. $10.20 = 10\frac{2}{100}$ _____ 41. $4.3 = \frac{43}{10}$ _____ 42. $2\frac{4}{5} = 2.8$ _____

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