

# Relate Fractions and Decimals



Write each decimal as a fraction in simplest form.

- |                |                |                |                |
|----------------|----------------|----------------|----------------|
| 1. 0.3 _____   | 2. 0.49 _____  | 3. 0.7 _____   | 4. 0.50 _____  |
| 5. 0.94 _____  | 6. 0.80 _____  | 7. 0.72 _____  | 8. 0.2 _____   |
| 9. 0.55 _____  | 10. 0.1 _____  | 11. 0.25 _____ | 12. 0.03 _____ |
| 13. 0.77 _____ | 14. 0.6 _____  | 15. 0.26 _____ | 16. 0.99 _____ |
| 17. 0.36 _____ | 18. 0.75 _____ | 19. 0.70 _____ | 20. 0.4 _____  |
| 21. 0.05 _____ | 22. 0.35 _____ | 23. 0.8 _____  | 24. 0.63 _____ |

Write each fraction as a decimal.

- |                           |                            |                            |                          |
|---------------------------|----------------------------|----------------------------|--------------------------|
| 25. $\frac{2}{5}$ _____   | 26. $\frac{9}{20}$ _____   | 27. $\frac{3}{10}$ _____   | 28. $\frac{7}{25}$ _____ |
| 29. $\frac{21}{50}$ _____ | 30. $\frac{1}{2}$ _____    | 31. $\frac{89}{100}$ _____ | 32. $\frac{1}{8}$ _____  |
| 33. $\frac{4}{25}$ _____  | 34. $\frac{3}{5}$ _____    | 35. $\frac{23}{25}$ _____  | 36. $\frac{1}{4}$ _____  |
| 37. $\frac{17}{20}$ _____ | 38. $\frac{11}{100}$ _____ | 39. $\frac{7}{10}$ _____   | 40. $\frac{3}{8}$ _____  |
| 41. $\frac{3}{4}$ _____   | 42. $\frac{5}{8}$ _____    | 43. $\frac{1}{5}$ _____    | 44. $\frac{3}{50}$ _____ |
| 45. $\frac{9}{10}$ _____  | 46. $\frac{4}{5}$ _____    | 47. $\frac{1}{20}$ _____   | 48. $\frac{7}{8}$ _____  |

## Problem Solving

49. The largest butterfly in the world is found in Papua, New Guinea. The female of the species weighs about 0.9 ounce. Use a fraction to write the female's weight.
- \_\_\_\_\_

50. The shortest recorded fish is the dwarf goby found in the Indo-Pacific. The female of this species is about  $\frac{7}{20}$  inch long. Use a decimal to write the female's length.
- \_\_\_\_\_