

Relate Fractions, Decimals, and Percents

Copy and complete the table. Write each fraction in simplest form.

	Fraction	Decimal	Percent
1.	_____	0.4	_____
2.	$\frac{7}{10}$	_____	_____
3.	_____	_____	85%
4.	_____	0.18	_____
5.	_____	_____	16%
6.	_____	_____	24%
7.	$\frac{11}{20}$	_____	_____

Algebra • Equations Solve each equation for n .

8. $\frac{50}{100} = \frac{1}{n}$ _____ 9. $\frac{75}{100} = \frac{n}{4}$ _____ 10. $\frac{n}{100} = \frac{9}{20}$ _____
11. $65\% = \frac{13}{n}$ _____ 12. $n\% = \frac{3}{5}$ _____ 13. $0.17 = n\%$ _____
14. $0.31 = n\%$ _____ 15. $\frac{76}{100} = \frac{n}{25}$ _____ 16. $\frac{55}{n} = \frac{11}{20}$ _____
17. $48\% = \frac{12}{n}$ _____ 18. $22\% = \frac{n}{50}$ _____ 19. $n\% = \frac{7}{50}$ _____
20. Jade has a total of 50 photographs for her picture album. She has 24 remaining photographs to place. What percent of all her photographs has she already placed?
21. Al took a survey and found that $\frac{1}{4}$ of the students in his class favored a field trip to a local lake. What percent of the students favored the trip to the lake?

Test Prep

22. The Wild Life Club donates 84% of the money they raise for endangered species. How much out of every \$50 they raise do they donate?
23. Express $\frac{3}{20}$ as a percent.

- A 23% C 60%
- B 30% D 15%