

8. Solve the proportion $\frac{x}{3} = \frac{1.2}{4}$
9. A chili recipe calls for 6 pounds of ground beef for 25 servings. How many pounds are needed for 30 servings?
10. An apple crisp recipe calls for 20 pounds of apples for 30 servings. How many pounds of apples are needed for 60 servings?
11. Pia used a scale of 1 in = 2 ft to construct a scale model of her yard. A tree in the model has a height of 4 in. What is the actual height?
12. Express $\frac{12}{25}$ as a percent.
13. Express 56.5 % as a decimal.
14. Express $17\frac{1}{2}\%$ as a fraction in simplest form.
15. Express 4.09 as a percent

16.

$\frac{3}{5}$		
	78%	
		.88

17. Use the percent proportion to find 60% of 30.

18. 36 of 80 marbles are blue. What percent of the marbles are blue.

19. 16 is 40% of what number?

20. 14 is what percent of 125?

21. A jacket is on sale at 20% discount. If it normally sells for \$39.99, what is the sales price?

22. Gina's Dad earned a 3% commission on all the motorcycles he sold. In November, he earned \$375 in commissions. What were his total sales?

23. Find the percent of change from 14 inches to 35 inches.

24. A \$525 speaker now sells for \$393.75. Find the percent of change.

25. What is the interest earned on \$2460 if it is invested at 5.25% for $3\frac{1}{2}$ years?

26. What is the interest earned that that is compounded quarterly at 5.5% interest for half of a year?