



37.	Which is the prime factorization of 112? F. $7 \cdot 16$ H. $2^8 \cdot 7$	G. $2^4 \cdot 7$ J. $7 \cdot 8^2$	
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Find the percent of each number.

38.	25% of 84	39.	11% of 80
40.	5% of 60	41.	94% of 200

Sales and Discounts

A jacket at The Gap is originally marked at a price of \$62.

42.	After one week it goes on sale for 15% off the original price. What is the sale price?	
43.	After two weeks it goes on sale for 25% off the original price. What is the sale price?	
44.	After four weeks it goes on sale for 80% off the original price. What is the sale price?	

How much do you save if your bill is \$49.50 and you get a:

45.	10% discount	46.	30% discount
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Mrs. Buckmaster orders dinner at Chili's. Her bill for the Chicken Crispers and a Cherry Coke comes to a total of \$12.00, not including tax or tip.

47.	If Mrs. Buckmaster adds a 20% tip to total, how much tip will she leave?	
48.	If tax is 8% of the original bill (not including tip), how much tax will be added?	
49.	What is Mrs. Buckmaster's total bill (food, drink, tax, and tip)?	

50.	A recipe that makes 12 pints of salsa uses 35 tomatoes. Choose the proportion you can use to determine the number $t$ of tomatoes needed to make 2 pints of salsa? A. $\frac{12}{35} = \frac{t}{2}$ B. $\frac{35}{12} = \frac{t}{2}$ C. $\frac{t}{35} = \frac{12}{2}$ D. $\frac{2}{35} = \frac{t}{12}$	
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