

TEST: Percent #1

What does the word 'percent' mean? (2 pts)

Write each percent as a fraction in simplest form (2 pts each).

1) 80%

2) 25%

3) 144%

4) 33%

5) 32%

6) 50.5%

Write each fraction as a percent (2 pts each).

7) $\frac{7}{25}$

8) $\frac{8}{20}$

9) $\frac{13}{25}$

10) $\frac{12}{15}$

11) $\frac{150}{600}$

12) $\frac{30}{15}$

Solve each problem below. Be sure to include the units, if needed (3 pts each).		
What is 50% of 12?	10 is what percent of 34?	What is 130% of 15?
Work Space:	Work Space:	Work Space:
Answer:	Answer:	Answer:
0.75 is what percent of 8?	75 is what percent of 150?	What is 75% of 80?
Work Space:	Work Space:	Work Space:
Answer:	Answer:	Answer:

The Cafeteria at Midtown Middle School surveyed 575 students about their favorite food. Find the number of students that responded for each of the following:			
Food	Percent	Students	Work Space
Chicken	20%		
Salad	8%		
Burgers	24%		
Fruit	16%		

Find the total cost for each item below, based on the context.

<p>You buy a pair of headphones that has a sticker price of \$24.99. When you get to the cash register, an 8% sales tax is added onto the cost. Find the total price you will pay.</p>	Final Price
Work Space	

<p>There is a Black Friday sale going on at Walmart for TVs. There is a 40 inches TV on sale for \$109, including tax. You have a 15% off coupon that to apply to the purchase. How much will the final price be?</p>	Final Cost
Work Space	

<p>Your family goes out to eat at Las Palmas. The bill was \$64.30. You had a great server, so you tip them 25%. What will the final cost be?</p>	Final Cost
Work Space	

You go to the Safari Restaurant with your friends. You order a soda, turkey panini, and apple pie with ice cream. You decide to tip 15% of the original cost (reminder: the tax and discount is not applied to the tip) . You have a 25% off coupon that you use, and then pay 10% tax. Find the total amount you pay.

<p>Appetizers:</p> <ul style="list-style-type: none"> Rattlesnake Wraps \$4.89 Loaded Nachos \$3.75 Cheetah Cheese Fries \$3.89 Potato Skinks \$4.79 Appetizer Sampler \$7.55 Soft Pretzels with Dip \$3.85 	<p>Entrees:</p> <p>Steak (served with your choice of potato and seasonal vegetables)</p> <ul style="list-style-type: none"> T-bone \$8.90 Sirloin \$10.80 Ribeye \$11.50 <p>Sandwiches and Burgers (served with crispy seasoned french fries)</p> <ul style="list-style-type: none"> Philly Cheesesteak \$7.80 BLT \$6.40 Roaring Reuben \$7.60 Cheeseburger \$5.90 Bacon Cheeseburger \$6.30 Turkey Panini \$6.40 <p>Vegetarian</p> <ul style="list-style-type: none"> Lettuce Wraps \$7.50 Spicy Safari Pasta \$6.80 	<p>Desserts:</p> <ul style="list-style-type: none"> Chocolate Chimp Cake \$6.33 Apple Pie with Ice Cream \$5.57 Boa Brownie Bites \$5.78 Chameleon Cannolis \$7.69 	<h2>Cost of 3 Items</h2>
<p>Drinks:</p> <ul style="list-style-type: none"> Lion Lemonade \$2.15 Raspberry Iced Tea \$2.65 Soda \$2.45 Milkshake \$3.65 		<h1>SAFARI RESTAURANT</h1>	

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15% tip from original cost	25% off coupon
10% tax	Total cost you pay