

Name: _____

Percents Review for Quiz

Complete the missing information from the table below. Simplify all fractions.

	Fraction	Decimal	Percent
1.		.25	
2.			36%
3.	$\frac{3}{5}$		
4.		.05	
5.	$\frac{1}{100}$		
6.			225%
7.	$\frac{2}{3}$		
8.		.625	

9. Compare the following with a < or >.

$1\frac{3}{4} \text{ ____ } 177\%$

$\frac{5}{9} \text{ ______ } 55\%$

$3.5\% \text{ ______ } .35$

10. Order the following from least to greatest.

$6.6\%, \frac{1}{16}, 6\%, 0.061$

Answer the following questions by writing and solving an equation. Show your work.

11. What is 60% of 15?

12. 7 is what percent of 112?

13. 1% of what number is 16?

14. Find 78% of 82

15. What percent of 80 is 15?

16. 8% of what number is 28?

Show all work. Include a unit on your answer. Round to the nearest hundredth when it is money!

17. At a restaurant, your dinner costs \$45.95. If you want to leave a 20% tip, how much would the tip be?

18. A car salesman sells a car for \$60,000. His commission is 3.5%. How much money will he make in commission?

19. The original price of a pair of sneakers is \$54.99. If the store is having a 30% off sale, how much will you pay for the sneakers?

20. If you went to a restaurant and the bill came to \$116.35, and you wanted to leave an 18% tip for the waiter, how much tip would you leave? How much would you pay in all?

21. You want to buy an item that costs \$48.99 with a tax rate of 7.25%. How much is the tax and the total?

22. There are 550 seventh graders in Van Wyck Junior High School. 8% of them are left handed. How many seventh graders in Van Wyck Junior High School are left handed?

23. You are buying a laptop. The original price is \$259.99, but it is on sale for 15% off. How much will you pay for the laptop, including tax, if the tax rate is 8.125%?