

Name _____ Period _____ Date _____

Worksheet Percent Basics (Page 1 of 2) *Classwork*

Change the following percents to decimals

1. 32%

2. 106%

3. $92\frac{1}{2}\%$

Change the following decimals to percents

4. 0.8

5. 0.07

6. 3.24

Change the following fractions to percents (round to the nearest %, if necessary)

7. $\frac{9}{20}$

8. $7\frac{23}{50}$

9. $3\frac{11}{12}$

Change the following percents to fractions (reduce, if necessary)

10. 32%

11. $97\frac{1}{2}\%$

12. 190%

Determine the percent of each number using the

13. 38 is 20% of what number

14. What is 10.5% of 90

Determine the percent of each number using the algebraic method

15. What number is 175% of 80

16. 15 is $22\frac{2}{5}\%$ of what number

Set up & solve the following word problems

17. 35% of the 7th graders at Blake play soccer. If 75 7th graders play soccer, how many 7th graders are there at Blake?

18. On the Red Team, 50 students take French and 75 students take Spanish. Assuming all of the students on the Red Team take a language, what percent take Spanish?

19. 310 people were asked which Nicholas Cage movie was their favorite. If 32% answered Face-Off as their favorite Nicholas Cage movie, how many people chose Face-Off?

20. Colleen invested \$40,000 on the stock market. 60% of this was invested in Disney. Of the remaining money, 60% is invested in MediaOne. The rest of the money is invested in Bell Atlantic. How much money is invested in each of the three companies?