

Name : _____

Score : _____

Teacher : _____

Date : _____

Word Problems

- 1) While mining, Jason found a large metal bar that weighed 35 grams. Jason was also able to determine that the bar contained 65.71% gold. How many grams of gold are in the metal bar? Round your answer to the nearest whole number if necessary. _____

- 2) Mary went to her local zoo that featured 20 bird exhibits. If these bird exhibits make up 62.50% of the zoo's exhibits, then how many exhibits does the zoo have in total? Round your answer to the nearest whole number if necessary. _____

- 3) For one Algebra test, Sara had to answer 39 questions. Of these 39 questions, Sara answered 27 of them correctly. What percent did Sara get on her Algebra test? Round your answer to the nearest hundredth if necessary. _____

- 4) There are 48 students in a class and 75.00% of these students passed their Biology test. What number of these students passed their test? Round your answer to the nearest whole number if necessary. _____

- 5) At a construction job for a museum there are 44 painters. Of these painters, 32 of them are painting the interior of the museum. What percent of these painters are painting the interior? Round your answer to the nearest hundredth if necessary. _____

- 6) One baseball team won 17 games throughout their entire season. Of all their games, this team won 58.62% of them. Given this, how many games in total did this baseball team play? Round your answer to the nearest whole number if necessary. _____

- 7) At a local department store, jackets are typically priced at \$49. Due to a special, the jackets are reduced to 75.51% of their original price. How much are jackets now? Round your answer to the nearest whole number if necessary. _____

- 8) In one particular suburb, there are 16 families that own a labrador. If there are a total of 28 families that own a dog in general, then what percentage of dog owners have a labrador? Round your answer to the nearest hundredth if necessary. _____

- 9) Peter has to spend \$30000 on expenses each year. If that amount of money is 71.43% of his salary, then how much money does Peter make working as an agent per year? Round your answer to the nearest whole number if necessary. _____

- 10) Sally decided to look at new and used cars. Sally found a new car for \$33000. Typically a used car goes for 63.64% of a new car, so what price would a used car be? Round your answer to the nearest whole number if necessary. _____



Name : _____

Score : _____

Teacher : _____

Date : _____

Word Problems

- 1) While mining, Jason found a large metal bar that weighed 35 grams. Jason was also able to determine that the bar contained 65.71% gold. How many grams of gold are in the metal bar? Round your answer to the nearest whole number if necessary. 23 grams
- 2) Mary went to her local zoo that featured 20 bird exhibits. If these bird exhibits make up 62.50% of the zoo's exhibits, then how many exhibits does the zoo have in total? Round your answer to the nearest whole number if necessary. 32 exhibits
- 3) For one Algebra test, Sara had to answer 39 questions. Of these 39 questions, Sara answered 27 of them correctly. What percent did Sara get on her Algebra test? Round your answer to the nearest hundredth if necessary. 69.23%
- 4) There are 48 students in a class and 75.00% of these students passed their Biology test. What number of these students passed their test? Round your answer to the nearest whole number if necessary. 36 students
- 5) At a construction job for a museum there are 44 painters. Of these painters, 32 of them are painting the interior of the museum. What percent of these painters are painting the interior? Round your answer to the nearest hundredth if necessary. 72.73%
- 6) One baseball team won 17 games throughout their entire season. Of all their games, this team won 58.62% of them. Given this, how many games in total did this baseball team play? Round your answer to the nearest whole number if necessary. 29 games
- 7) At a local department store, jackets are typically priced at \$49. Due to a special, the jackets are reduced to 75.51% of their original price. How much are jackets now? Round your answer to the nearest whole number if necessary. \$37
- 8) In one particular suburb, there are 16 families that own a labrador. If there are a total of 28 families that own a dog in general, then what percentage of dog owners have a labrador? Round your answer to the nearest hundredth if necessary. 57.14%
- 9) Peter has to spend \$30000 on expenses each year. If that amount of money is 71.43% of his salary, then how much money does Peter make working as an agent per year? Round your answer to the nearest whole number if necessary. \$42000
- 10) Sally decided to look at new and used cars. Sally found a new car for \$33000. Typically a used car goes for 63.64% of a new car, so what price would a used car be? Round your answer to the nearest whole number if necessary. \$21000

