

Practice Assignment

0 25 50 75 100

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1. Calculate each percent. You should use a calculator and show what you put in your calculator below.

a. 63% of 18

b. 76% of 300

c. 11% of 88

2. Identify each piece of solving a percent problem and then answer the problem:

a. 15 is what percent of 90?

b. What number is 10% of 56?

c. 90% of a number is 180.

Part:

Part:

Part:

Whole:

Whole:

Whole:

Percent:

Percent:

Percent:

3. Solve the following word problems and round all answers to the nearest whole percent or whole number.

a. In Ty's English class, 70% of the students completed the essay by the due date. There are 30 students in Ty's English class. How many completed the essay by the due date?

Part:

Whole:

Percent:

b. 40% of the students on the field loved the museum. If 20 students love the museum, how many are on the field trip?

Part:

Whole:

Percent:

c. A bag of candy contains 300 pieces of which 28% are red. How many pieces are NOT red?

Part:

Whole:

Percent:

d. Haley is making admission tickets to the high school dance. So far, she has made 112 tickets, and her plan is to make 320 tickets. What percent of the admission tickets has Haley produce so far?

Part:

Whole:

Percent:

e. A baseball pitcher won 80% of the games he pitched. If he pitched 35 ballgames, how many games did he win?

f. Jerry, an electrician, worked 7 months out of the year. What percent of the year did he not work?

g. There are 28 students in a class. Sixteen of those students are boys. What percent of the class are girls?

h. Blake took a math test and got 35 correct and 10 incorrect answers. What was the percentage of correct answers?

i. Emmanuel found a wrecked Chevy Camaro that he could fix. He bought the car for 65% of the original price of \$7200. What did he pay for the car?