

Name: _____ Date: _____ Block: _____

Using Art to Teach Decimal, Fraction and Percent Equivalents.

Step 1: Choose 5 different colored markers/colored pencils.

Step 2: Color each square one color, creating a design of your choice.

Step 3: Write the color, number of squares you colored that color, the fraction out of the 100 squares, the decimal and the percent in the chart below.

Color	Number	Fraction	Decimal	Percent

Percent Word Problems Directions: Set up a basic percent problem. Sometimes you will have to do extra steps to solve the problem. Follow rounding directions.

- 1) A student earned a grade of 80% on a math test that had 20 problems. How many problems on this test did the student answer correctly? (round to the nearest whole number)

- 2) There are 36 carpenters in a crew. On a certain day, 29 were present. What percent showed up for work? (round to the nearest tenth)

- 3) A metal bar weighs 8.15 ounces. 93% of the bar is silver. How many ounces of silver are in the bar? (round to the nearest thousandth)

- 4) A woman put \$580 into a savings account for one year. The rate of interest on the account was $6\frac{1}{2}\%$. How much was the interest for the year in dollars and cents? (Round to the nearest cent)

- 5) A student answered 86 problems on a test correctly and received a grade 98%. How many problems were on the test, if all the problems were worth the same number of points? (Round to the nearest whole number)

- 6) Manuel found a wrecked Trans-Am that he could fix. He bought the car for 65% of the original price of \$7200. What did he pay for the car? (Round to nearest dollar)

- 7) Pamela bought an electric drill at 85% of the regular price. She paid \$32.89 for the drill. What was the regular price? (Round to the nearest cent)

- 8) A crew is made up of 8 men; the rest are women. $66\frac{3}{4}\%$ of the crew are men. How many people are in the crew?

- 9) Ben earns \$12,800 a year. About 15% is taken out for taxes. How much is taken out for taxes?

- 10) At a sale, shirts were sold for \$15 each. This price was 80% of their original price. What was the original price?