

Name: _____

Date: _____

★RATIOS & PROPORTIONS★

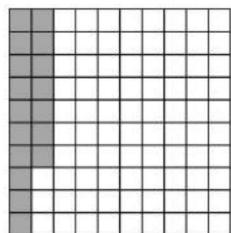
INTRODUCTION TO PERCENTS

SCORE:

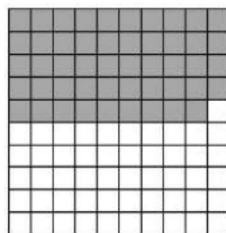
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Due at the beginning of class, Friday Jan 7th

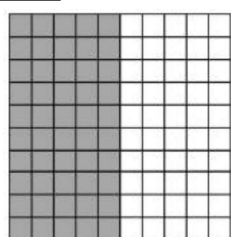
1 Write a ratio and percent to describe the shaded portion of the figure.



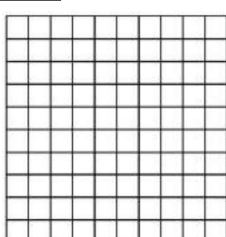
2 Write a ratio and percent to describe the shaded portion of the figure.



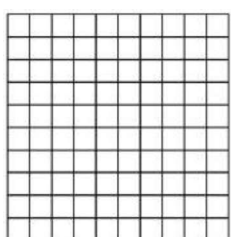
3 Write a ratio and percent to describe the shaded portion of the figure.



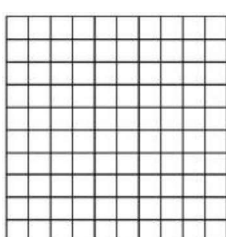
4 Use the figure below to model 32%. Write the ratio represented by the model.



5 Use the figure below to model 6%. Write the ratio represented by the model.



6 Use the figure below to model 60%. Write the ratio represented by the model.



7 Jamie randomly selects 100 letter tiles. 45% of the tiles are vowels. How many tiles are vowels?

8 Jack has a jar of 100 marbles. 59% of the marbles are blue. How many blue marbles are there? How many marbles are not blue?

9 Felicia saved \$100 in her bank account. She spends 3% of her money on lunch. How much did she spend on lunch? How much money does she have left?

10 Rebecca has 100 math problems to complete for homework this week. She has 60% of the problems left. How many problems has she completed? How many does she have left?

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PERCENTS AND FRACTIONS

★RATIOS & PROPORTIONS★

SCORE:

_____ / 10

Due at the beginning of next class, Friday January 7th

1 What is 45% as a fraction in simplest form?	2 What is 95% as a fraction in simplest form?
3 What is 8% as a fraction in simplest form?	4 Write $\frac{3}{14}$ as a percent. Round your percent to the nearest tenth if necessary.
5 Write $\frac{6}{8}$ as a percent. Round your percent to the nearest tenth if necessary.	6 Write $\frac{7}{10}$ as a percent. Round your percent to the nearest tenth if necessary.
7 Comparing <, > or = $15\% \text{ ______ } \frac{3}{20}$	8 Comparing <, > or = $55\% \text{ ______ } \frac{5}{7}$
9 Sean got 19 out of 20 questions correct on his math quiz. What percent of the questions did he get correct?	10 15 out of 85 6 th graders are in honors art. About what percent of students are in honors art? Round your answer to the nearest whole.