HW 1

· Test Review

Name:_____

Fill in the missing parts of the chart. Remember to reduce fractions to lowest terms.

Fraction	Decimal	Percent
$\frac{3}{5}$	**1)**	**2)**
3)	0.90	**4)**
5)	0.125	**6)**
7)	**8)**	$33.\overline{3}\%$
$\frac{1}{5}$	**9)**	**10)**

Compare. Use <, >, or =.

11) 0.5 ◯ 0.05 **12)** 45% ◯ 54% **13)** 11% ◯ $\frac{1}{8}$.

14) $\frac{5}{8}$ ◯ 62.5% **15)** 0.6 ◯ $\frac{3}{5}$ **16)** $\frac{7}{8}$ ◯ 0.87

17. Which is the lesser of the two? **(Circle one)** 11% or $\frac{1}{9}$

18. Which of the following is the greatest number? **(Circle one)** $-2.5 \cdot 10^2$, $-2.75 \cdot 10^2$

Put the following in order from least to greatest. Use a table to order.

19. 5.5×10^2, 0.0055, 5.5%, $\frac{11}{20}$ **20.** $\frac{1}{3}$, $\frac{2}{9}$, $\frac{3}{6}$, $\frac{5}{18}$

21. Which of the following is the second number when ordered form least to greatest? Use a table to order.

$9.2 \bullet 10^1$, 25% , 0.625 , $\frac{7}{8}$, 1.6 _____

22. $\frac{7}{11} = 0.\overline{63}$

a. In the conversion above, why is the bar over the 6 and the 3 instead of just the 3?

b. The fraction bar means _____.

c. Convert the decimal to a percent.

23. Label the following using the word bank given.

Divisor **Dividend** **Quotient**

$a)$ _____ $\overline{)}$ $b)$ _____ $c)$ _____

24. Explain, in words, how to convert a percent to a decimal. Choose an example to illustrate.

25. Write $1\frac{3}{5}$ as a percent.

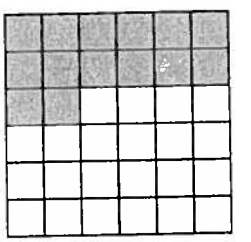
26. Are the fractions $\frac{5}{11}$, $\frac{5}{12}$, $\frac{5}{13}$, and $\frac{5}{14}$ arranged in order from least to greatest or from greatest to least? Explain.

27. Jordan answers $\frac{7}{8}$ of the test questions correctly. What percent of the test questions did he answers correctly?

28. Rondell has some drill bits marked $\frac{7}{16}$, $\frac{3}{8}$, $\frac{5}{32}$, $\frac{9}{16}$, and $\frac{1}{4}$. If these are all measurements in inches, how should he arrange them if he wants them from least to greatest?

29. Are there any rational numbers between $0.\overline{2}$ and $\frac{2}{9}$? Explain.

30. Is the fraction represented by the shaded part of the square at the right greater than, equal to, or less than 0.41?



Watch out

Look over exponents, base 10, evaluating by substitutions!!!