

CONVERT TO A PERCENTAGE!

Directions: Using the following fraction, convert each of them into a percentage! Remember, a percentage is just how many out of 100.

Example: $\frac{5}{6}$ Express 5 over 6 as a percentage.

1) Divide your numerator by your denominator.

$$6 \overline{) 5}$$

2) Automatically place a decimal after the number "under the hat" and directly above the one you placed under the hat. Then place 2 zeros after your decimal under the hat.

$$6 \overline{) 5.00}$$

3) At this point, just carry out the problem like a normal division problem.

$$\begin{array}{r} .833 \\ 6 \overline{) 5.000} \\ \underline{- 48} \\ 20 \\ \underline{18} \\ 20 \end{array}$$

4) Notice with this problem, the three would continue to repeat.

5) Round to the nearest hundredth(the second number after the decimal).

6) Find the hundredths place. The number to the right of that place will be the "boss"

7) The "boss" will determine whether the number in the hundredth spot will increase by one digit, or stay the same.

8) If the "boss" or number in the thousandths place is four or less, the hundredths place will remain the same. If the thousandths place is 5 or greater, the hundredths place will increase by one digit.

9) For our example, the "boss" number is in the 4 or less category, so the hundredths spot will remain the same.

10) Drop every number after the hundredths spot after you have rounded. The rounded answer for 5 over 6 is 83%.

Directions: Convert each of the following fractions to a percentage.

1) $\frac{8}{24} \approx 33\%$

2) $\frac{7}{14} = 50\%$

3) $\frac{12}{50} = 24\%$

4) $\frac{52}{58} \approx 90\%$

5) $\frac{22}{28} \approx 79\%$

6) $\frac{8}{18} \approx 44\%$

7) $\frac{72}{95} \approx 76\%$

8) $\frac{7}{12} \approx 58\%$

9) $\frac{4}{9} \approx 44\%$

10) $\frac{13}{15} \approx 87\%$

11) $\frac{8}{21} \approx 38\%$

12) $\frac{9}{13} \approx 69\%$

13) $\frac{1}{5} = 20\%$

14) $\frac{3}{8} \approx 38\%$

15) $\frac{7}{8} \approx 88\%$

16) $\frac{8}{9} \approx 87\%$

