"Percent of" Equation Review:

There are 3 types of set-ups for these problems. Each problem will have 2 out of 3 parts---the percent, the part and the total (2 of these 3 parts).

1. What is 24% of 25?
   a. First, label the parts.
   b. You have the percent and the total: multiply the two making sure you place the decimal in the product at the end (don't be careless).

   \[
   \begin{array}{c}
   25 \times 0.24 \\
   \hline
   + 500 \\
   \hline
   600
   \end{array}
   \]

   24% of 25 = 6

   **Check:** 6 is 24% of 25

2. 40 is what percent of 80?
   a. Label the parts
   b. You have the part and the total...this is a division problem. Always remember that part is over the total.

   \[\frac{P}{T} = \frac{40}{80} = \frac{1}{2} = 50\%\]

   **Check:** 40 is 50% of 80.

   *Is 40 half of 80?*  
   **Yes**