Math 132

Practice Quiz

NAME: ____________________________________________

Answers should be in simplified form, but improper fractions, mixed fractions, decimals, and percents are all acceptable.

There is no partial credit, so if you solve the problem mentally, there is no need to show your work. For each problem clearly BOX your final answer.

Hint: Take a few seconds to think before starting a long calculation. There is often a smarter way.

1.) \( \frac{3}{10} + \frac{3}{25} = \)

2.) \( 15 \frac{10}{13} \div 5 = \)

3.) \( [(\frac{2}{3} \times \frac{1}{4})^2 - \frac{5}{36}]^2 = \)

4.) \( \frac{6^4 + 8^2}{12^2} = \)

5.) \( \frac{2^5 \times 3^2}{12^3} = \)

6.) \( 40\% \times 25\% = \)