

The following problems represent the absolute minimum knowledge necessary to have a chance of successful completion of **Math 215 (Math for Elementary Educators)**. If you are unable to answer these problems without a calculator, you are strongly advised to take Math 115 (Elementary Algebra) prior to taking Math 215.

1. If seven is added to some unknown number, and the result is 13, then what is the unknown number?
2. What is 25% of \$40?
3. Juanita paid \$7.35 tax after purchasing a toy at Target. If she spent a total of \$84.72 at the store, what was sale price of the toy before the added tax?
4. What is two thirds of 12?
5. Find the number obtained when one hundred nineteen is subtracted from two hundred thirty five.
6. Add:  $\frac{3}{5} + \frac{1}{7}$
7. Find the quotient and the remainder:  $1418 \div 6$
8. Subtract:  $351 - 1999$
9. Add:  $0.0001 + 0.2 + 3$
10. Use the order of operations to simplify:  $(8 - 2 \cdot 3) \div 2$

