

The following problems represent the pre-knowledge necessary to be successful in mastering the content of Math 215 (Math for Elementary Educators).

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: $(8 - 2 \cdot 3) \div 2$

The material above represents concepts covered in Math 115 (Elementary Algebra).