

Name _____

Date _____

Complicated Expressions - Independent Practice Worksheet

Complete all the problems.

A. Instructions: Rewrite each expression in the format presented.

1. $3p + 7p - 2 + 4p$ Rewrite as: _____ - 2

2. $2r - (r - 8)^2$ Rewrite as: _____ - _____ - 64

3. $z + 3 - (11 - c)^2$ Rewrite as: $z - \underline{\hspace{1cm}} - \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$

B. Simplify the following expression:

4. $t \times u - 11 \times u - 11 \times u - 11 = \underline{\hspace{4cm}}$

5. $6 \times (u - 2)^2 \times (u + 4)^2 = \underline{\hspace{4cm}}$

6. $3t \times (u - 15)^2 + 100 = \underline{\hspace{4cm}}$

C. A parenthesis is missing from each expression below. Place the parentheses in the proper position based on the description given.

7. Nineteen minus the sum of six and eleven.

$19 - 6 + 11$

8. Eleven minus the sum of eight and ten.

$11 - 8 + 10$

9. The product of fifteen and the quotient of eighteen and six.

$15 \times 18 \div 6$

10. The product of twenty-eight and the quotient of twenty-one and seven.

$28 \times 21 \div 7$

