

Name: .....

Date: ..... Score: .....

## Review of Algebraic and Numeric Expressions

Evaluate each expression.

1.  $5 + (16 + 2) \div 3$

\_\_\_\_\_

2.  $4(4 \div 2 + 4)$

\_\_\_\_\_

3.  $(9 \times 2) \div (2 + 1)$

\_\_\_\_\_

4.  $(-6 \times 2) \div -3$

\_\_\_\_\_

5.  $-4 - (1 - 5) - (-4)^2$

\_\_\_\_\_

6.  $2 - 8 \div (-2) - 3 - (-12) \div (-6) \times (-2)$

\_\_\_\_\_

Simplify each expression.

7.  $-8p + 6(10 + 6p)$

\_\_\_\_\_

8.  $-2(-6x - 9) - 4(x + 9)$

\_\_\_\_\_

Evaluate each using the values given.

9.  $y + z + 2; y = -6, z = 5$

\_\_\_\_\_

10.  $p(q \div 3 - p); p = -6, q = -3$

\_\_\_\_\_

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## Review of Algebraic and Numeric Expressions

### Answers

1.  $5 + (16 + 2) \div 3$

11

2.  $4(4 \div 2 + 4)$

24

3.  $(9 \times 2) \div (2 + 1)$

6

4.  $(-6 \times 2) \div -3$

4

5.  $-4 - (1 - 5) - (-4)^2$

-16

6.  $2 - 8 \div (-2) - 3 - (-12) \div (-6) \times (-2)$

7

7.  $-8p + 6(10 + 6p)$

$28p + 60$

8.  $-2(-6x - 9) - 4(x + 9)$

$8x - 19$

9.  $y + z + 2; y = -6, z = 5$

1

10.  $p(q \div 3 - p); p = -6, q = -3$

-30