

Pre-Algebra/Algebra I
Unit D Test Review

Simplify.

1. $2(3x - 4) + 5$

2. $3(2x - 4) + 2(x + 1)$

3. $4x - 5(2x - 3)$

4. $2 - (5x - 4) + 2x$

5. $3(2x - 4) + 5(x + 6)$

6. $3x - (2x - 4) + 9x$

Write each verbal statement as an algebraic expression.

7. Seven more than three times a number. 8. Twice the difference of six and a number.
9. Four times the sum of a number and two. 10. Six less than four times a number.
11. The ratio of a number plus six and four. 12. Negative four times the difference of a number and three.

Translate each algebraic expression into a verbal statement.

13. $4x - 2$
14. $2(x - 3)$
15. $-3(x + 5)$