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| It is expected that students can . . . | Emergent  | Proficient  | Master |
| Model and solve problems, using linear equations of the form: • ax = b • b a x = , a ≠ 0 • ax + b = c • + = x b c a , a ≠ 0 • ax = b + cx • a(x + b) = c • ax + b = cx + d • a(bx + c) = d(ex + f) • a = b x , x ≠ 0 where a, b, c, d, e and f are rational numbers.[C, CN, PS, V] |  |  |  |
| Explain and illustrate strategies to solve single variable linear inequalities with rational coefficients within a problem-solving context. [C, CN, PS, R, V] |  |  |  |
| Demonstrate an understanding of polynomials (limited to polynomials of degree less than or equal to 2). [C, CN, R, V] |  |  |  |
| Model, record and explain the operations of addition and subtraction of polynomial expressions, concretely, pictorially and symbolically (limited to polynomials of degree less than or equal to 2). [C, CN, PS, R, V] |  |  |  |
| Model, record and explain the operations of multiplication and division of polynomial expressions (limited to polynomials of degree less than or equal to 2) by monomials, concretely, pictorially and symbolically. [C, CN, R, V] |  |  |  |
|  |  |  |  |

**Patterns Relations (Variables and Equations)**
Represent algebraic expressions in multiple ways.