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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.