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| **Modelling and Solving Multi-Step Linear Equations** | | | |
| Creates an equation involving two operations  I started with the equation *x* = 6.  I multiplied both sides by 3.  3*x* = 18  Then, I subtracted 5 from each side.  3*x* – 5 = 13 | Solves a multi-step equation involving whole numbers using concrete materials or informal solution methods  I used algebra tiles to solve  3*x* – 5 = 13.  I added 5 yellow 1-tiles to each side.    I removed zero pairs.    I arranged the tiles in 3 equal groups.    *x* = 6 | Solves multi-step equations involving whole numbers symbolically  *3x* – 5 = 13  *3x* – 5 + 5 = 13 + 5  *3x* = 18  =  *x* = 6 | Verifies the answer to a multi-step equation is correct  To check if my answer is correct,  I substituted the number I got for *x*  in the original equation and compared each side.  L.S. = 3x – 5   = 3(6) – 5   = 18 – 5   = 13 R.S. = 13  The answer is correct. |
| **Observations/Documentation** | | | |
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