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| **Modelling and Solving One-Step Linear Equations** | | | |
| Describes the meaning of a one-step equation of the form *x* + *a* = *b*  *x* + 3 = 8  I am looking for a number that, when added to 3, has a sum of 8. | Solves a one-step equation of the form *x* + *a* = *b*, where *a* and *b* are whole numbers  *x* + 3 = 8  I used mental math. I know that  if I add 3 to 5, I get 8. So, *x* = 5  is the solution. | Solves a one-step equation of the form *x* + *a* = *b*, where *a* and *b* are integers  *x* + 3 = –8  I want to get *x* on its own on the left side. So, I subtract 3 from each side. This gives me:  *x* + 3 – 3 = –8 – 3  *x* = –11 | Verifies solution to a one-step equation  I substituted –11 for *x* in the left side of the original equation:  –11 + 3 = –8  This is the equal to the right side.  So, the solution is correct. |
| **Observations/Documentation** | | | |
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