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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 = 8I 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 = 8I used mental math. I know that if I add 3 to 5, I get 8. So, *x* = 5 is the answer. | Solves a one-step equation of the form *x* + *a* = *b*, where *a* and *b* are integers*x* + 3 = –8I 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 | Verify that the answer is correctI substituted –11 for *x* in the left side of the original equation: –11 + 3 = –8This is the equal to the right side.So, the answer is correct. |
| **Observations/Documentation** |
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