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| **Conceptual Meaning of Whole Number Addition and Subtraction** |
| Recognizes addition and subtraction situations and sketches a picture to add or subtract to 10 000.1250 + 1167 = 2417 | Models and symbolizes ways to solve problems to 10 000.1250 + 1167 = 2417 | Uses an understanding of place value to decompose both numbers to solve problems to 100 000. “I added the thousands, the hundreds, the tens, and then the ones.” |
| **Observations/Documentation** |
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| **Conceptual Meaning of Whole Number Addition and Subtraction (cont’d)** |
| Uses an understanding of place value to decompose one number to solve problems to 100 000.  | Estimates to determine if answer to problem is reasonable. 14 365 – 2542 = 11 823“I estimate 12 000 because 14 365 is close to 14 500, 2542 is close to 2500, and 14 500 – 2500 = 12 000.12 000 is close to 11 823, so, my answer is reasonable.” | Creates and solves multi-step addition and subtraction problems flexibly using a variety of strategies.8134 bottles were collected by the school. 4612 were donated by the community. 1645 were not accepted at the recycling depot. How many bottles were recycled?“I added 8134 + 4612 = 12 746. Then, 12 746 – 1645 = 11 101. 11 101 bottles were recycled.” |
| **Observations/Documentation** |
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