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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.    373 872 – 71 450 = 302 422  “I estimate 303 000 because  373 872 is close to 374 000,  71 450 is close to 71 000,  and 374 000 – 71 000 = 303 000.  303 000 is close to 302 422,  so, my answer is reasonable.” | Creates and solves multi-step addition and subtraction problems flexibly using a variety of strategies.  Here are the populations  of 3 Canadian cities in 2022:  Kelowna, BC: 125 109;  Regina, SK: 176 183;  Winnipeg, MB: 632 063.  How much greater is the population of Winnipeg than that of Kelowna and Regina combined?  “I added 125 109 + 176 183 = 301 292.  Then, 632 063 – 301 292 = 330 771.  The population is greater by 330 771.” |
| **Observations/Documentation** | | |
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