Activity 6 Assessment
Exploring Subtraction Strategies

Conceptual Meaning of Whole Number Addition and Subtraction

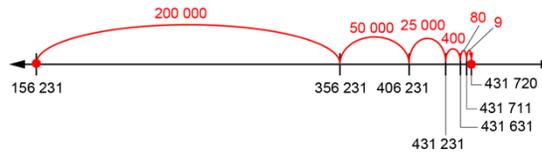|		
Recognizes addition and subtraction situations to 1 000 000	Models and symbolizes ways to solve problems to 1 000 000	Uses an understanding of place value to decompose numbers to solve problems to 1 000 000

Recognizes addition and subtraction situations to 1 000 000

How many views did the video get on its first two days online?

"To find the total number of views, I need to add the number of views on Day 1 and the number of views on Day 2."

Models and symbolizes ways to solve problems to 1 000 000

$$156\ 231 + 275\ 489 = ?$$

Uses an understanding of place value to decompose numbers to solve problems to 1 000 000

$$156\ 231 = 100\ 000 + 50\ 000 + 6000 + 200 + 30 + 1$$
$$275\ 489 = 200\ 000 + 70\ 000 + 5000 + 400 + 80 + 9$$
$$156\ 231 + 275\ 489 = 300\ 000 + 120\ 000 + 11\ 000 + 600 + 110 + 10$$
$$= 431\ 720$$

"I added hundred thousands with hundred thousands, ten thousands with ten thousands, thousands with thousands, and so on. I added like units."

Observations/Documentation

Activity 6 Assessment
Exploring Subtraction Strategies

Conceptual Meaning of Whole Number Addition and Subtraction (cont'd)		
Uses an understanding of place value to add and subtract to 1 000 000 using the standard algorithm 968 867 – 790 283 = ? $\begin{array}{r} ^{8\,1}\;\;\;^{7\,1}\\ \cancel{9}68\,\cancel{8}67\\ -\,790\,283\\ \hline 178\,584 \end{array}$ "I used the standard algorithm."	Estimates to determine if answer to problem is reasonable 968 867 – 790 283 = ? "968 867 is close to 970 000 and 790 283 is close to 800 000. 970 000 – 800 000 = 170 000. 178 584 is close to 170 000. So, my answer is reasonable."	Creates and solves multi-step addition and subtraction problems flexibly using a variety of strategies A dancing monkey video got 54 977 likes one day and 127 522 likes the next. How many more likes does it need to reach 250 000? $\begin{array}{r} ^{1\;1\;\;1}\\ 54\,977\\ +\,127\,552\\ \hline 182\,529 \end{array}$ $\begin{array}{r} ^{1\,14\,9\;\;9\,9\,1}\\ \cancel{2}\cancel{5}\cancel{0}\,\cancel{0}\cancel{0}0\\ -\,182\,529\\ \hline 67\,471 \end{array}$

Observations/Documentation		