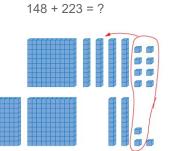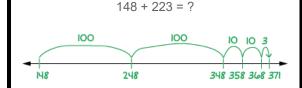# Activity 7 Assessment
Creating and Solving Problems

Conceptual Meaning of Whole Number Addition and Subtraction

Recognizes addition and subtraction situations and models concretely to add or subtract to 1000	Models and symbolizes ways to solve problems to 1000	Uses an understanding of place value to decompose both numbers to solve problems to 10 000
$148 + 223 = ?$	$148 + 223 = ?$	$896 - 345 = ?$ $$800 - 300 = 500$$ $$90 - 40 = 50$$ $$6 - 5 = 1$$ $500 + 50 + 1 = 551$ "I subtracted the hundreds, the tens, and then the ones."

Observations/Documentation

Conceptual Meaning of Whole Number Addition and Subtraction (cont'd)

Uses an understanding of place value to add and subtract to 10 000 using the standard algorithm	Estimates to determine if answer to problem is reasonable	Creates and solves addition and subtraction problems flexibly using a variety of strategies
$$\begin{array}{r} 33\overset{1}{4}8 \\ +\ 6548 \\ \hline 9896 \end{array}$$ "I had 16 ones. So I traded 10 ones for 1 ten."	896 - 345 = ? "896 is close to 900. 345 is close to 350. 900 - 350 = 550. 550 is close to 551, the answer I calculated, so my answer is reasonable."	1874 raffle tickets were sold in advance. 227 more tickets were sold at the door. How many tickets were sold altogether? $$\begin{array}{r} \overset{1}{\ }\overset{1}{\ }\overset{1}{\ } \\ 1874 \\ +\ 227 \\ \hline 2101 \end{array}$$

Observations/Documentation

Mathology 4 Alberta

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