

Reasoning and Problem Solving Numbers to a Million

Developing

- 1a. She is correct as each column in the number and the place value chart match.
 2a. Various answers, for example: 200,000 + 100,450
 3a. Yes

Expected

- 4a. Erik has misread the hundreds of thousands as tens of thousands. He has also misread the hundreds. Erik should say 'four hundred and thirty thousand, nine hundred and eighty'.
 5a. Various answers, for example: two hundred thousands + one hundred thousand, five hundred and twenty
 6a. Yes

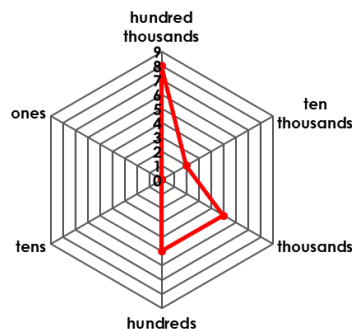
Greater Depth

- 7a. Daniel has misread the hundreds of thousands as tens of thousands. Daniel could say 'Six hundred thousand, eight-six hundreds and 43 ones'.
 8a. Various answers, for example: 62,770 + 200,062
 9a. Yes - 466,672

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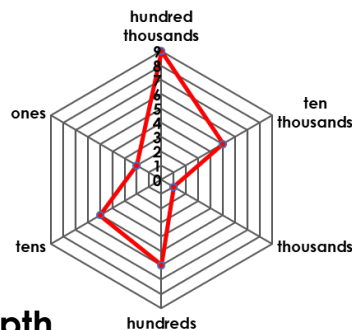
Developing

- 1b. She is not correct as the place value chart shows two counters in the tens column rather than the hundreds column.
 2b. Various answers, for examples: 400,000 and 436,510
 3b. No



Expected

- 4b. Bea has misread the hundreds of thousands as millions and the tens of thousands as thousands. Bea should say 'eighty hundred and forty thousand, eight hundred and thirty-two'.
 5b. Various answers, for example: two hundred and fifty thousand and twelve + four hundred and twenty two thousand
 6b. No



Greater Depth

- 7b. Ashley is correct as ninety-eight ten thousands has the same value as nine hundred and eighty thousand. 400 tens has the same value as 4,000.
 8b. Various answers, for example: 40,000 + 20,468
 9b. No

