

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

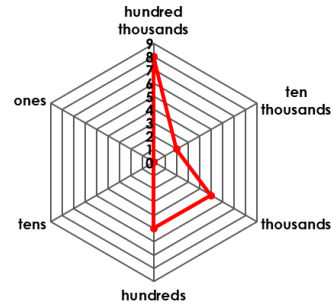
- 7a. Daniel has misread the hundreds of thousands as tens of thousands. Daniel could say 'Six hundred thousand, eight-six hundreds and 43 ones'.
- 8a. Various answers, for example: 62,770 + 200,062
- 9a. Yes - 466,672

Reasoning and Problem Solving

Numbers to a Million

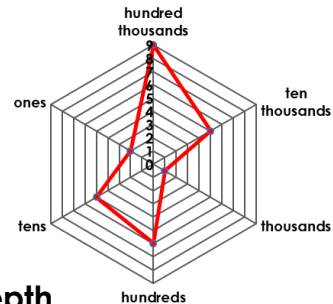
Developing

- 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

