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| **Estimating Sums and Differences** |
| Uses front-end estimation Estimate: 28 + 46 + 177 + 15820 + 40 + 100 + 100 = 260“I estimate about 260.” | Uses rounding to write each number to the nearest tenEstimate: 28 + 46 + 177 + 15830 + 50 + 180 + 160 = 420“I estimate about 420.” | Uses rounding and compensation Estimate: 28 + 46 + 177 + 158I’ll round two up and two down.30 + 40 + 170 + 160 = 400“I estimate about 420.” | Estimates flexibly to check reasonableness of solutions123 + 248 + 169 + 150 = 690Estimate to check:23 + 69 is about 100, so 123 + 169 is about 300.48 + 50 is about 100, so 248 + 150 is about 400.300 + 400 = 700Since 690 is close to 700, the solution seems reasonable. |
| **Observations/Documentation** |
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