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| **Estimating Sums and Differences** | | | |
| Uses front-end estimation  Estimate: 71 + 426 + 247 + 285  70 + 400 + 200 + 200 = 870  “I estimate about 870.” | Uses rounding to write each number to the nearest ten  Estimate: 71 + 426 + 247 + 285  70 + 430 + 250 + 290 = 1040  “I estimate about 1040.” | Uses rounding and compensation  Estimate: 71 + 426 + 247 + 285  I’ll round two up and two down.  70 + 430 + 250 + 280 = 400  “I estimate about 1030.” | Estimates flexibly to check reasonableness of solutions  623 + 248 + 369 + 450 = 1690  Estimate to check:  23 + 69 is about 100,  so 623 + 369 is about 1000.  48 + 50 is about 100,  so 248 + 450 is about 700.  1000 + 700 = 1700  Since 1690 is close to 1700,  the solution seems reasonable. |
| **Observations/Documentation** | | | |
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