

Compare Without Calculating

Advanced

Reason about compensation.

Name: _____

Date: _____

Think: One more here and one less there keeps a sum equal. In subtraction, taking away less leaves more.

1. Use $<$, $>$, or $=$ to compare. Do NOT calculate — reason it out!

1) $147 + 147$ ____ $146 + 148$

2) $273 + 28$ ____ $274 + 27$

3) $201 - 11$ ____ $201 - 12$

4) $100 - 39$ ____ $100 - 38$

5) $258 - 33$ ____ $258 - 34$

6) $118 + 47$ ____ $119 + 46$

7) $195 + 195$ ____ $194 + 196$

8) $192 + 45$ ____ $193 + 44$

9) $100 - 37$ ____ $100 - 36$

10) $79 + 79$ ____ $78 + 80$

11) $146 + 57$ ____ $147 + 56$

12) $199 + 58$ ____ $200 + 57$

13) $64 - 31$ ____ $64 - 32$

14) $100 - 51$ ____ $100 - 50$

15) $101 + 101$ ____ $100 + 102$

16) $53 + 53$ ____ $52 + 54$

17) $202 - 42$ ____ $202 - 43$

18) $286 + 286$ ____ $285 + 287$

19) $265 + 55$ ____ $266 + 54$

20) $169 + 18$ ____ $170 + 17$

21) $93 + 93$ ____ $92 + 94$

22) $103 - 58$ ____ $103 - 59$

23) $211 + 211$ ____ $210 + 212$

24) $241 - 52$ ____ $241 - 53$

2. Explain your thinking.

Find a pair above where the two sides are EQUAL. Tell a friend WHY — without adding them up.
