

Compare Without Calculating

Advanced — ANSWER KEY

Reason about compensation.

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) $68 + 44 = 69 + 43$

2) $75 - 24 > 75 - 25$

3) $227 - 48 > 227 - 49$

4) $100 - 18 < 100 - 17$

5) $100 - 52 < 100 - 51$

6) $83 - 33 > 83 - 34$

7) $111 + 40 = 112 + 39$

8) $69 + 46 = 70 + 45$

9) $246 + 246 = 245 + 247$

10) $108 + 108 = 107 + 109$

11) $186 - 58 > 186 - 59$

12) $97 + 16 = 98 + 15$

13) $188 + 42 = 189 + 41$

14) $71 - 34 > 71 - 35$

15) $100 - 40 < 100 - 39$

16) $100 - 54 < 100 - 53$

17) $149 + 149 = 148 + 150$

18) $287 + 287 = 286 + 288$

19) $144 + 20 = 145 + 19$

20) $144 + 144 = 143 + 145$

21) $276 - 30 > 276 - 31$

22) $292 - 58 > 292 - 59$

23) $205 + 205 = 204 + 206$

24) $100 - 21 < 100 - 20$