Compare and Order Integers

Compare. Draw a number line from $-10$ to $+10$ and label each integer. Write $>$, $<$, or $=$ for each $\bigcirc$.

1. $+7 \bigcirc -6$
2. $-2 \bigcirc -4$
3. $+4 \bigcirc 0$
4. $+1 \bigcirc -1$
5. $-5 \bigcirc +10$
6. $0 \bigcirc 0$
7. $+6 \bigcirc -3$
8. $-5 \bigcirc +1$
9. $-5 \bigcirc +2$
10. $-1 \bigcirc -9$
11. $0 \bigcirc -5$
12. $+5 \bigcirc -2$
13. $-5 \bigcirc -2$
14. $-4 \bigcirc 0$
15. $-3 \bigcirc +4$
16. $+1 \bigcirc -7$

Write the integers in order from least to greatest. Draw a number line if you wish.

17. $-6, -2, -3, 0$
18. $+2, +8, -1, -5$
19. $-7, +2, +1, -1$
20. $-3, +4, -9, -10$

21. $-4, 0, +6, -6$
22. $+1, +2, -3, -4$
23. $+10, -5, -6, -7$
24. $-4, -6, +5, -3$

25. $-7, +8, -8, +6$
26. $0, +2, -2, -1$
27. $-5, +2, +6, -3$
28. $-4, -9, -1, -6$

Test Prep

29. On the same day in January, the temperature in Bangor, Maine was $+14^\circ$; in Barrow, Alaska it was $-29^\circ$; in Sapporo, Japan it was $+4^\circ$; and in Moscow, Russia it was $-14^\circ$. Which of the following shows the correct order of cities, from coldest to warmest, on that day?

A  Sapporo, Moscow, Bangor, Barrow
B  Moscow, Barrow, Bangor, Sapporo
C  Bangor, Sapporo, Barrow, Moscow
D  Barrow, Moscow, Sapporo, Bangor

30. The average surface temperature of Earth’s moon is about $-130^\circ$C. Pluto is about $-240^\circ$C. In comparison, Jupiter’s moon, Io, averages about $-143^\circ$C and another of its moons, Europa, averages about $-173^\circ$C. Which of these bodies has the greatest average temperature?