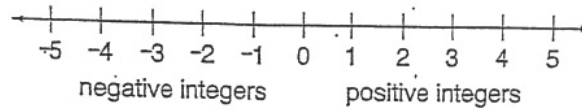


Comparing and Ordering Integers

HW

To compare integers, think about their positions on a number line. An integer is less than any integer to its right. An integer is greater than any integer to its left.



4 is to the right of 2.

 $2 < 4$ and $4 > 2$

-1 is to the right of -2.

 $-2 < -1$ and $-1 > -2$

3 is to the left of 5.

 $5 > 3$ and $3 < 5$

-4 is to the left of -3.

 $-3 > -4$ and $-4 < -3$

Compare. Write $<$, $>$, or $=$.

1. $4 < 5$

2. $-2 \underline{\hspace{1cm}}$ 9

3. $4 \underline{\hspace{1cm}}$ -4

4. $6 \underline{\hspace{1cm}}$ -3

5. $0 \underline{\hspace{1cm}}$ 0

6. $-8 \underline{\hspace{1cm}}$ -1

7. $-2 \underline{\hspace{1cm}}$ -6

8. $-7 \underline{\hspace{1cm}}$ 3

9. $10 \underline{\hspace{1cm}}$ -15

10. $-10 \underline{\hspace{1cm}}$ 1

11. $-14 \underline{\hspace{1cm}}$ -12

12. $-4 \underline{\hspace{1cm}}$ -9

13. $14 \underline{\hspace{1cm}}$ 14

14. $7 \underline{\hspace{1cm}}$ -5

15. $-6 \underline{\hspace{1cm}}$ -6

16. $1 \underline{\hspace{1cm}}$ -2

17. $0 \underline{\hspace{1cm}}$ -3

18. $-9 \underline{\hspace{1cm}}$ 5

19. $-7 \underline{\hspace{1cm}}$ -9

20. $16 \underline{\hspace{1cm}}$ 16

21. $-5 \underline{\hspace{1cm}}$ -8

22. $-15 \underline{\hspace{1cm}}$ -11

23. $-8 \underline{\hspace{1cm}}$ 5

24. $-4 \underline{\hspace{1cm}}$ -5

Write in order from least to greatest.

25. 0, 7, -6 $\underline{\hspace{2cm}}$ -6, 0, 7

26. -5, -9, 7 $\underline{\hspace{2cm}}$

27. 1, -1, 11 $\underline{\hspace{2cm}}$

28. 27, 12, -21 $\underline{\hspace{2cm}}$

29. 8, 3, -2 $\underline{\hspace{2cm}}$

30. -3, -13, 0 $\underline{\hspace{2cm}}$

31. 5, 4, -11 $\underline{\hspace{2cm}}$

32. -20, -16, 19 $\underline{\hspace{2cm}}$