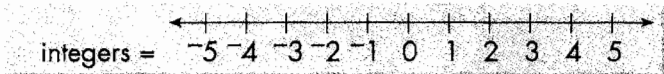


Compare Integers

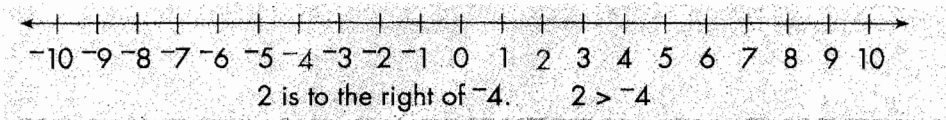
The set of integers is the set of whole numbers and their opposites.

Integers less than zero are negative. Integers greater than zero are positive. Zero is neither positive nor negative.



You can compare integers by thinking about a number line.

The integer that is farther to the right is the greater of the two integers. Every positive integer is greater than every negative integer.



► Compare. Write $>$ or $<$.

1. -3 _____ 5

2. 0 _____ 2

3. -4 _____ -7

4. 4 _____ -4

5. 0 _____ 9

6. 5 _____ -5

7. 2 _____ -12

8. -1 _____ -15

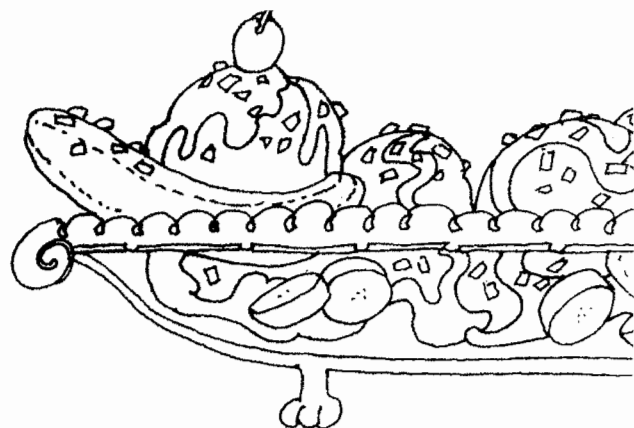
Write the integers in order from least to greatest.

9. $-4, 5, 4, -2, -6$ _____

10. $-8, -6, 4, 0, -7$ _____

11. $8, -11, 12, 2, -15, 6$ _____

12. $-11, -17, -5, 17, 5, 0, 1$ _____



Solve.

13. At 1:00 P.M. the temperature was -3° . It was -5° at 11:00 A.M. At 7:00 P.M. the temperature was 2° . At which time was the temperature the coldest? When was it the warmest?

14. Write integers greater than -3 and less than 3 .
