Opposite and Absolute Value of a Number
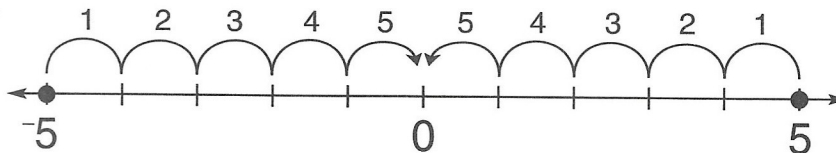
The opposite of ⁻5 is 5. Both numbers are the same distance from zero on the number line.
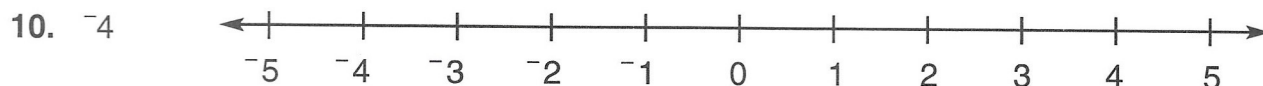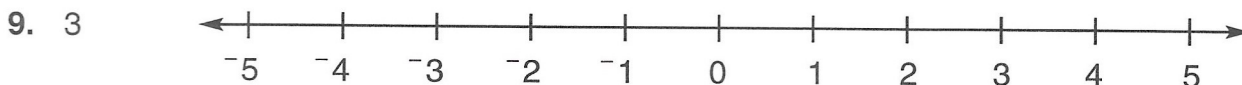

The numbers ⁻5 and 5 both have an absolute value of 5.

$$|{}^-5| = 5 \qquad |5| = 5$$

Name the opposite of each number.

1. ⁻3 _____   2. 4 _____   3. ⁻2 _____   4. 0 _____

5. $1\frac{1}{2}$ _____   6. ⁻3.5 _____   7. $\frac{{}^-5}{8}$ _____   8. 2.6 _____

Graph the number and its opposite on the number line.

9. 3

10. ⁻4

Find the absolute values.

11. |⁻5| _____   12. |7| _____   13. |⁻22| _____   14. |0| _____

15. |⁻50| _____   16. |27| _____   17. |⁻512| _____   18. |⁻100| _____
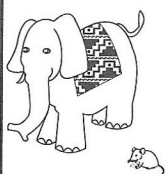
Which absolute value is greater?

19. |⁻6| or |⁻3| _____   20. |⁻12| or |2| _____

21. |⁻100| or |80| _____   22. |⁻16| or |0| _____

TEST PREP ✏️▭▭▭▭▭▭▭▷

Answer ⓐ ⓑ ⓒ ⓓ

Which sentence is <u>not</u> true?

A |⁻5| > |⁻2| C |⁻2| > |1|

B |1| > |⁻3| D |4| < |⁻5|