

Practice Test WITH CalcChat®

Order the values from least to greatest.

1. 0, 2, 3, 1, 4 2. $8, |3|, |5|, 4, 5$ 3. 2.46, 2.5, 2, 1, 2.293


Graph the number and its opposite.

4. 23 5. $1\frac{1}{3}$

Find the absolute value.

6. $|7|$ 7. $|11|$

Copy and complete the statement using $<$, $>$, or $=$.

8. $\frac{2}{3}$  $\frac{3}{5}$ 9. 2  $|2|$

Plot the ordered pair in a coordinate plane. Describe the location of the point.

10. $J(4, 0)$ 11. $L(1.5, 3.5)$ 12. $M(-2, 3)$

13. Reflect $(-5, 1)$ in (a) the x -axis, (b) the y -axis, and (c) the x -axis followed by the y -axis.

14. Two adjacent vertices of a rectangle are $(1, -4)$ and $(1, 3)$. Find two possible pairs of points that represent the third and fourth vertices so that the rectangle has an area of 21 square units.

15. A white pelican is flying 15 feet above the ocean. It flies down to catch a fish and dives 2 feet underwater, then emerges. Write an integer that represents the pelican's dive.

16. The table shows the melting points (in degrees Celsius) of several elements. Compare the melting point of mercury to the melting point of each of the other elements.

Element	Mercury	Radon	Bromine	Cesium	Francium
Melting Point ($^{\circ}\text{C}$)	38.83	71	7.2	28.5	27

17. A map shows that the vertices of a campsite are $(25, 10)$, $(25, -5)$, $(-5, -5)$, and $(-5, 10)$. The vertices of your tent are $(0, -3)$, $(0, 6)$, $(10, 6)$, and $(10, -3)$. The coordinates are measured in feet. Find the area of the campsite that is *not* covered by your tent.

