

Absolute Value Functions and Graphs Guided Notes

1. What is meant by absolute value?
2. How is absolute value represented?
3. What is the shape of the graph of absolute value function?
4. What does $|x|$ means?
5. How to sketch the graph of $y=f(x)$

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PROBLEM 01

Solve the equation

$$|x + 1| = 2x$$

PROBLEM 02

Sketch the graph using following equation

$$|x| + 2$$

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PROBLEM 03

If $f(x) = |x - 2|$ find $f(-5)$