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 \(|x|\) mean?

5. How to sketch the graph of \(y = f(x)\)?
PROBLEM 01
Solve the equation

\[ |x + 1| = 2x \]

PROBLEM 02
Sketch the graph using following equation

\[ |x| + 2 \]
Absolute Value Functions and Graphs  Guided Notes

PROBLEM 03
If $f(x) = |x - 2|$ find $f(-5)$