Exercise 116

In the following exercises, simplify each expression.

$$5 - 2|2(1 - 4) - (2 - 5)|$$

Solution

The absolute value sign makes the number within it positive.

$$5 - 2|2(1 - 4) - (2 - 5)|$$

$$5 - 2|2(-3) - (-3)|$$

$$5 - 2|-6 + 3|$$

$$5 - 2|-3|$$

$$5 - 2(3)$$

$$5 - 6$$

$$-1$$