

Exercise 113

In the following exercises, simplify each expression.

$$8 - |2 - 4(4 - 1) + 3|$$

Solution

The absolute value sign makes the number within it positive.

$$8 - |2 - 4(4 - 1) + 3|$$

$$8 - |2 - 4(3) + 3|$$

$$8 - |2 - 12 + 3|$$

$$8 - |2 - 9|$$

$$8 - |-7|$$

$$8 - (7)$$

$$1$$