

# Absolute Value

## LEARNING TARGET

(LT2, supporting target): I can evaluate absolute value expressions.

## Classwork

(1) Simplify the expression in each.

a.  $|-4| + |4|$

e.  $|(2 - 8) + 4|$

b.  $|-4 - 3| + 8$

f.  $|-7| - 4^2$

c.  $|5 - 9|$

g.  $10 - 2^3 + |-4|$

d.  $|-2 \cdot 4| + |1 - 2|$

h.  $|7 - 2^3| + 6$

## Homework

(2) Simplify the expression in each.

a.  $3 - |2|$

b.  $4 - |-3|$

c.  $-|-11| - 8$

d.  $9 + |-5|$

e.  $|-3| + |3|$

f.  $6 + |5 - 11|$

**g.**  $|-8| + |3 - 12|$

**h.**  $|28 + -10| - 5$

**i.**  $|6 - 3^2| + 4$

**j.**  $-4 \cdot 3 \cdot -1 \cdot -2$

**k.**  $2 + 5^2 - |-30|$

**l.**  $-5 + 3^3 - 4^2 + |-2|$

**m.**  $-2 - |7| + |-3 - 2|$

**(3) In your own words, describe how to evaluate absolute value expressions.**