

Practice With Absolute Value

Find the absolute value of each pair of numbers.

- 1) 1, -1 1 2) -2, 2 2 3) -7, 7 7 4) -4, 4 4

Simplify each expression.

- 5) $|18| = \underline{18}$ 6) $|-3| = \underline{3}$ 7) $|-7| = \underline{7}$ 8) $|42| = \underline{42}$
9) $|0| = \underline{0}$ 10) $|-1000| = \underline{1000}$ 11) $-|15| = \underline{-15}$ 12) $|-56| = \underline{56}$
13) $-|-23| = \underline{-23}$ 14) $-|18| = \underline{-18}$ 15) $|-18| = \underline{18}$ 16) $|-1| = \underline{1}$
17) the absolute value of -8 = 8 18) the absolute value of 5 = 5

19) Which expression has the value of -81?

- a. $|-81|$ b. 81 c. $|81|$ d. $-|81|$

20) Which list shows the values in order from least to greatest?

- a. $|-5|$, 5, $|-3|$, 3 b. -5, $-|-3|$, 3, $|-5|$
c. $|-5|$, $|-3|$, $|3|$, $|5|$ d. -3, $-|-5|$, $-|3|$, 5

Complete each sentence with a word that makes it true.

- 21) An integer is positive, negative, or zero.
22) All negative integers are less than zero.
23) The opposite of a positive number is negative.
24) The absolute value of an integer is never negative.