Cotuz

Name: _____ Date: _____

# Integers, Opposites and Absolute Value

Grade 6 · Ages 11-12 · Math · Number Sense · ★★

Write each answer on the line: the integers in the order asked (like −7, 0, 4), or the integer for a temperature, depth, height or floor (below zero, below sea level and below the ground are negative). Where two absolute values have a box between them, write <, >, or = in the box.

**1.** |−25| ☐ |−37| (write <, >, or =)

**2.** Write these integers in order from greatest to least: −15, −42, 6

_____

**3.** |−31| ☐ |33| (write <, >, or =)

**4.** Write these integers in order from greatest to least: −2, −35, −3

_____

**5.** |12| ☐ |−47| (write <, >, or =)

**6.** Write these integers in order from least to greatest: −12, 26, −29

_____

**7.** |−9| ☐ |35| (write <, >, or =)

**8.** Write these integers in order from greatest to least: −31, −10, −44

_____

**9.** Write these integers in order from greatest to least: −13, −37, 34

_____

**10.** Write these integers in order from least to greatest: 15, −13, 33

_____

**11.** The temperature is −49 °C. How many degrees below zero is that? _____

**12.** A kite is 35 m above the ground. Write that as an integer. _____

**13.** A diver is 19 m below sea level. Write that as an integer. _____

**14.** A car park is on floor −5. How many floors below the ground floor is that?

_____

**15.** Write these integers in order from least to greatest: 14, 42, −37

_____

**16.** The temperature is 6 °C below zero. Write it as an integer. _____

**17.** The bottom of a well is at −23 m. How far below the ground is it, in m? _____

**18.** Write these integers in order from least to greatest: −40, 33, 27

_____

**19.** Write these integers in order from greatest to least: 32, −36, 7

_____

**20.** A diver is at −50 m. How far below the water is the diver, in m? _____

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ANSWER KEY

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**1.** |−25| [<] |−37| (write <, >, or =)

**2.** Write these integers in order from greatest to least: −15, −42, 6

**Answer: 6, −15, −42**

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**Answer: −2, −3, −35**

**5.** |12| [<] |−47| (write <, >, or =)

**6.** Write these integers in order from least to greatest: −12, 26, −29

**Answer: −29, −12, 26**

**7.** |−9| [<] |35| (write <, >, or =)

**8.** Write these integers in order from greatest to least: −31, −10, −44

**Answer: −10, −31, −44**

**9.** Write these integers in order from greatest to least: −13, −37, 34

**Answer: 34, −13, −37**

**10.** Write these integers in order from least to greatest: 15, −13, 33

**Answer: −13, 15, 33**

**11.** The temperature is −49 °C. How many degrees below zero is that? **49**

**12.** A kite is 35 m above the ground. Write that as an integer. **35**

**13.** A diver is 19 m below sea level. Write that as an integer. **–19**

**14.** A car park is on floor –5. How many floors below the ground floor is that? **5**

**15.** Write these integers in order from least to greatest: 14, 42, –37

**Answer: –37, 14, 42**

**16.** The temperature is 6 °C below zero. Write it as an integer. **–6**

**17.** The bottom of a well is at –23 m. How far below the ground is it, in m? **23**

**18.** Write these integers in order from least to greatest: –40, 33, 27

**Answer: –40, 27, 33**

**19.** Write these integers in order from greatest to least: 32, –36, 7

**Answer: 32, 7, –36**

**20.** A diver is at –50 m. How far below the water is the diver, in m? **50**