Absolute Values and Opposites

State the opposite of each number shown.

a. -3  
   b. 42  

c. 38.7  
   d. -1\frac{3}{4}  

e. -1,230  
   f. 8,116.13  

State the absolute value of each number.

g. | -6 |  
   h. | 810 |  

Which is greater?

m. the opposite of -5  
   n. the opposite of 17  

Which is greater?

o. the opposite of -2  
   p. 10 less than 0  

Which is less?

q. | -99 |  
   r. | -1,224 |  

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ANSWER KEY

Absolute Values and Opposites

State the opposite of each number shown.

a. \(-3\) \(3\)
b. \(42\) \(-42\)
c. \(38.7\) \(-38.7\)
d. \(-1\frac{3}{4}\) \(1\frac{3}{4}\)

State the absolute value of each number.

g. \(|-6|\) \(6\)
h. \(|810|\) \(810\)
i. \(|-4.9|\) \(4.9\)
j. \(|-7\frac{1}{2}|\) \(7\frac{1}{2}\)
k. \(|97\frac{1}{4}|\) \(97\frac{1}{4}\)
l. \(|-2000|\) \(2000\)

Circle the correct answer for each.

m. Which is greater? the opposite of \(-6\) \(|5|\)

n. Which is less? the opposite of \(17\) \(|17|\)

n. Which is greater? the opposite of \(1\) \(0\)

o. Which is greater? the opposite of \(-2\) the opposite of \(2\)

p. Which is less? \(10\) less than \(0\) the opposite of \(12\)

q. Which is less? \(|-99|\) \(|98|\)

r. Which is greater? \(|-1224|\) the opposite of \(-1242\)

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