

Student: _____
Date: _____

Instructor: Deb Wertz
Course: MAP102 MASTER

Assignment: Homework #1

1. Select the answer that best completes the given statement.

The (1) _____ are {..., -3, -2, -1, 0, 1, 2, 3, ...}.

- (1) rational numbers
 integers
 natural numbers
 irrational numbers

2. Select the correct choice to complete the following sentence.

The number $\sqrt{5}$ is a(n) (1) _____

- (1) natural number.
 rational number.
 irrational number.
 whole number.

3. Select the answer that best completes the given statement.

The number $\frac{5}{7}$ is a(n) (1) _____

- (1) natural numbers.
 rational number.
 irrational numbers.
 whole number.

4. List the elements in the set described.

{x|x is a natural number less than 2}

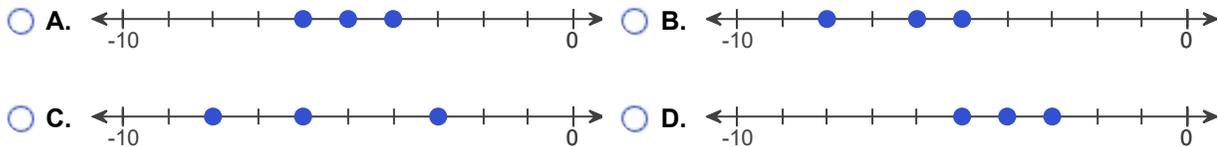
{ _____ }

(Use a comma to separate answers as needed. Use ascending order.)

5. Graph the set on a number line.

{-5, -6, -8}

Choose the correct graph below.



6. List the elements of the set $\left\{2, 0, \sqrt{13}, \sqrt{25}, \frac{3}{5}, -129\right\}$ that are also the elements of the set of whole numbers.
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The elements of the given set that are also elements of the set of whole numbers are $\{\quad\quad\quad\}$.
(Use a comma to separate answers as needed.)

1. (1) integers

2. (1) irrational number.

3. (1) rational number.

4. 1

5.



6. $2, 0, \sqrt{25}$
