Types of Numbers

For 1 to 5, classify each number in as many categories as possible.

- Whole numbers
- Natural numbers
- Integers
- Rational numbers
- Irrational numbers
- Real numbers

1) 46

2) 0

3) ¼

4) 6.75

5) 2.2360679775…

For 6 to 10, write the integer that represents each quantity.
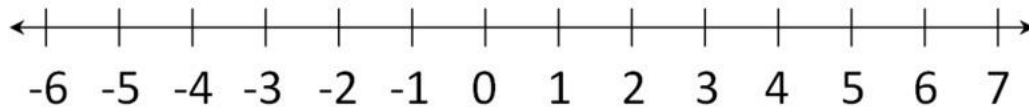
6) A submarine is 200 feet below sea level.

7) A helicopter is 525 feet above the landing pad.

8) The temperature is 8 degrees below zero.

9) Griselda owes her friend Matty $17.

10) Matty has $1250 in his savings account.

11) Show the location of the opposite of 2 on the umber line.

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←——+——+——+——+——+——+——+——+——+——+——+——+——+——→
   -6  -5  -4  -3  -2  -1   0   1   2   3   4   5   6   7
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12) What is the opposite of -100?

13) Draw a number that extends from -3 to 3.

14) What is the opposite of the opposite of 79?

15) What is the opposite of the opposite of -47?