

NAME: _____

DATE: _____

BLOCK: _____

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

- Whole number
- natural number
- integer
- rational number
- real number

2) 0

- Whole number
- Integer
- Integer
- Rational number
- Real number

3) $\frac{1}{4}$

- Rational number
- Real number

4) 6.75

- Rational number
- Real number

5) 2.2360679775...

- Irrational number
- Real number

For 6 to 10, write the integer that represents each quantity.

6) A submarine is 200 feet below sea level.

-200 feet

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

+525 feet

8) The temperature is 8 degrees below zero.

-8 degrees

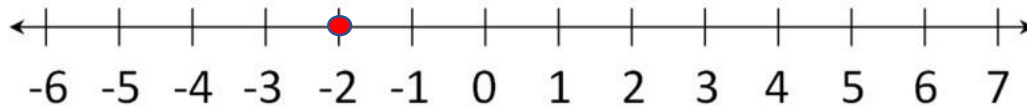
9) Griselda owes her friend Matty \$17.

-\$17

10) Matty has \$1250 in his savings account.

+\$1250

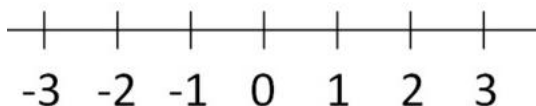
11) Show the location of the opposite of 2 on the number line.



12) What is the opposite of -100?

100 or +100

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



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

79

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