Name _____ Date _____ Class _____

Natural Numbers	Whole Numbers
The set of natural numbers includes all counting numbers.	The set of whole numbers includes all natural numbers and zero.
{1, 2, 3, 4, 5, 6, 7, 8, 9, 10, … }	{0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, … }
Integers	**Rational Numbers**
The set of integers includes all positive and negative whole numbers and zero.	A rational number is any number that can be written in the form $\frac{a}{b}$, where a and b are integers and b is not equal to 0.
{ …, −5, −4, −3, −2, −1, 0, 1, 2, 3, 4, 5, …}	Examples: $\frac{2}{3}$, $\frac{20}{4}$, $-\frac{9}{7}$, 0.5, 9.1, $2\frac{1}{3}$, etc.

Practice on Your Own
Tell if each number is a natural number, a whole number, an integer, or a rational number. Include all classifications that apply.

1. 5

2. −1

3. 0

_____ _____ _____

4. $\frac{11}{12}$

5. 25

6. $112\frac{3}{4}$

_____ _____ _____

7. 0.45

8. −4.8

9. 1,000,000

_____ _____ _____

Check
Tell if each number is a natural number, a whole number, an integer, or a rational number. Include all classifications that apply.

10. −6

11. 24

12. 12.5

_____ _____ _____

13. 0.0001

14. $-\frac{5}{9}$

15. $\frac{60}{5}$

_____ _____ _____

Holt McDougal Algebra 1