

Algebra 0507
Chapter 2 - WS #3

Name _____

Use an X to indicate the sets to which each number belongs.

	Natural	Whole	Integer	Rational	Irrational	Real
-9						
$\sqrt{9}$						
$\frac{2}{8}$						
1.41						
$\sqrt{8}$						
4.37...						
$\sqrt{12}$						
$43.\overline{3}$						
$\sqrt{49}$						
$\frac{12}{3}$						
-65						
$3\frac{1}{4}$						
$-\frac{7}{3}$						
0						

Write a decimal for each fraction or mixed number.

1. $\frac{4}{25}$	2. $\frac{6}{7}$	3. $-5\frac{3}{5}$
4. $\frac{1}{4}$	5. $-\frac{3}{20}$	6. $\frac{11}{15}$

Write each as a proper or improper fraction.

7. 0.39	8. $8\frac{6}{7}$	9. 10.25
10. -20	11. -1.43	12. 0

Write without parentheses.

13. $-\left(5 \div \frac{1}{2}\right)$	14. $-\left(\frac{1}{3} + \frac{1}{8}\right)$	15. $-\left(-\frac{5}{8}\right)$
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Use < or > to compare the numbers.

16. $-(-7)$ _____ -7	17. $-\frac{7}{8}$ _____ $-\frac{5}{8}$
18. 9.53 _____ 9.5	19. $-(-4)$ _____ -3