Identify the sets to which each of the following numbers belongs.

	Number	Natural #	Whole #	Integer	Rational #	Irrational #	Real #
1)	$-\sqrt{17}$					✓	✓
2)	-2			✓	✓		✓
3)	$\frac{9}{37}$				✓		✓
4)	0		✓	✓	✓		✓
5)	$\sqrt{\frac{4}{49}} = \pm\frac{2}{7}$				✓		✓
6)	π					✓	✓
7)	0.625				✓		✓
8)	$0.4444\ldots$				✓		✓
9)	$2.010010001\ldots$					✓	✓
10)	$\sqrt{7}$					✓	✓
11)	-19			✓	✓		✓
12)	5	✓	✓	✓	✓		✓

Identify the Property illustrated

13) $a + x = x + a$ Commutative

14) $5 + (x + y) = (x + y) + 5$ Commutative

15) $p(qr) = (pq)r$ Associative

16) $xyz + xy = xy(z + 1)$ Distributive

17) $\frac{2}{x} \cdot \frac{x}{2} = 1$ multiplicative Inverse

18) -c+ c = 0 Additive Inverse

If $c < 0$ *and* $d > 0$ determine the sign of the solutions.

19) $\frac{d}{c} + c$ $\frac{+}{-} + -$ Negative

$(-) + (-) = -$

20) $c(d - c)^3$

$-(+ - -)^3$

$-(+) =$ Negative