

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)	$\sqrt{\frac{4}{49}}$						
6)	π						
7)	0.625						
8)	0.4444						
9)	2.010010001 ...						
10)	$\sqrt{7}$						
11)	-19						
12)	5						

Identify the Property illustrated

13) $a + x = x + a$

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

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

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

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

18) $-c + c = 0$

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

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

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