



Do you remember how to

Describe Numbers Using Set Affiliation?

- (1) Completely describe the number 7 .
- (2) Completely describe the number -3 .
- (3) Completely describe the number $\frac{2}{3}$.
- (4) Completely describe the number $.127$.
- (5) Completely describe the number $\sqrt{25}$.
- (6) Completely describe the number $\sqrt{13}$.
- (7) Completely describe the number $13i$.
- (8) Completely describe the number $3 + 4i$.
- (9) Completely describe the number 0 .

Answers:

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| (1) natural, whole, an integer, rational, real | (2) an integer, rational, real |
| (3) rational, real | (4) rational, real |
| (5) natural, whole, an integer, rational, real | (6) irrational, real |
| (7) pure imaginary | (8) complex
(The set of real numbers is actually a subset of the set of complex numbers.) |
| (9) whole, an integer, rational, real | |