Rational Numbers Exit Quiz

Math 8

Multiple choices

Find a number that would satisfy these rules.

A number is rational, whole, integer, and natural.

a.) $\sqrt{6}$

b.) $\sqrt{81}$

c.) $\sqrt{12}$

- d.) $-\sqrt{2}$
- Find a number that would satisfy these rules.

A number is rational, and an integer.

a.) $-\sqrt{4}$

b.) $-\sqrt{2}1$

c.) $\sqrt{82}$

- d.) $-\sqrt{82}$
- Find the natural numbers that fit between -3.4 and 4.7. 3.
 - a.) 1, 2, 3, 4

b.) -3, -2, -1, 0, 1, 2, 3, 4

c.) 0, 1, 2, 3, 4

- d.) -3, -2, -1, 0, 1, 2, 3,
- 4. Classify these numbers as rational or irrational and give your reason.

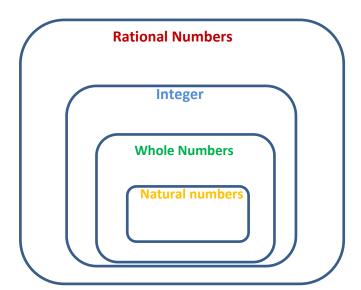
Number	Rational/Irrational	Explanation
467		
1.5432158941		
−2. 515151		

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5. Classify the numbers by writing them in the appropriate section of the Venn Diagram.

 $\frac{1}{5}$, $\sqrt{21}$, 7, $\sqrt{8}$, -35, 0, $\sqrt{169}$, -26, 15. $\overline{7}$, -123, $\frac{0}{7}$, $\frac{12}{4}$



Irrational Numbers