

irrational numbers

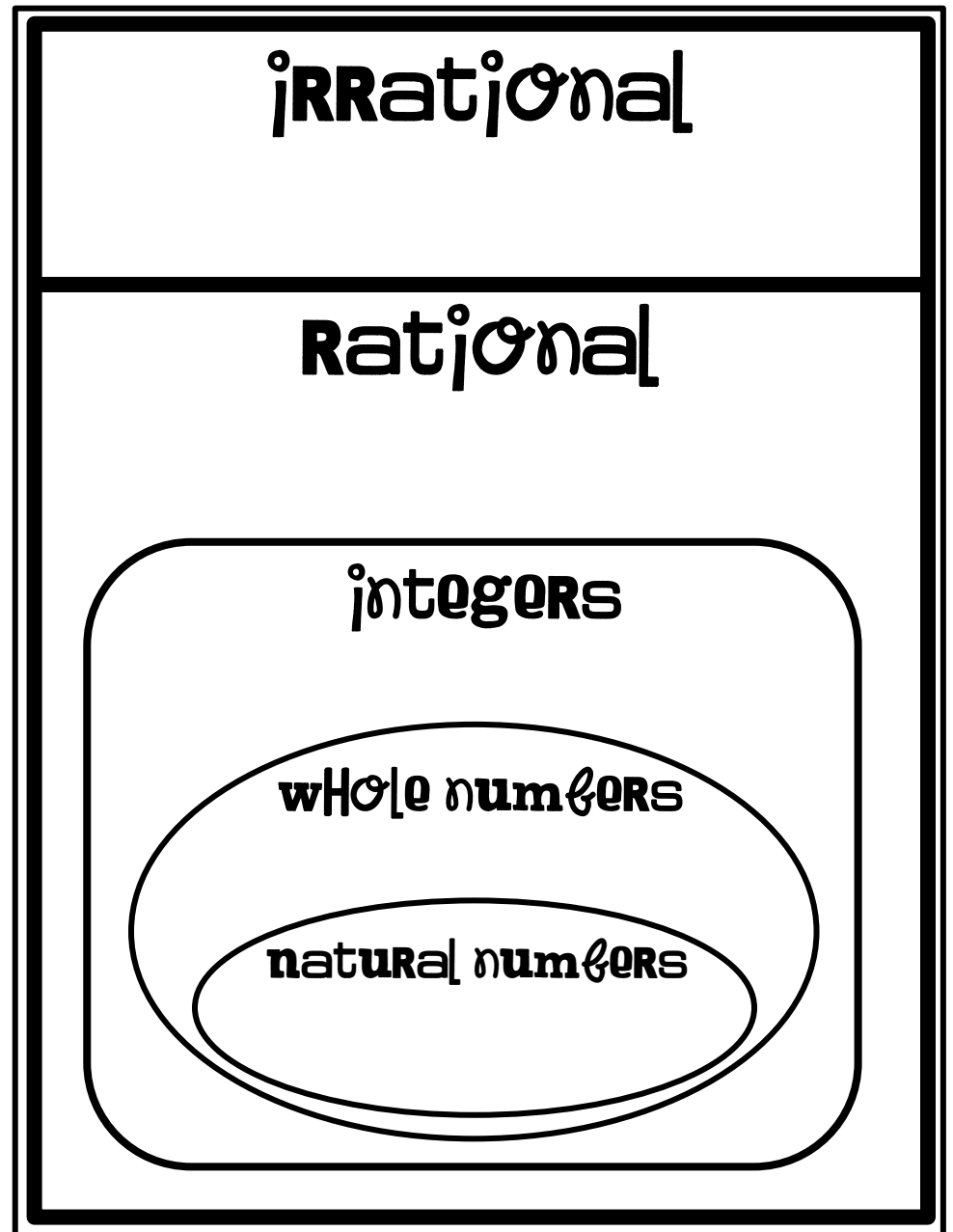
rational numbers

integers

whole numbers

natural numbers
(aka counting numbers)

Real numbers



Answer Key!

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irrational numbers

rational numbers

integers

whole numbers

natural numbers
(a.k.a. counting numbers)

An irrational number is a number that cannot be written as the quotient of two integers. The decimal form of an irrational number neither terminates nor repeats.

A rational number is a number that can be written as $\frac{a}{b}$, where a and b are integers and $b \neq 0$.

$\{\dots -3, -2, -1, 0, 1, 2, 3\dots\}$

Integers include whole numbers and their opposites.

$\{0, 1, 2, 3, 4\dots\}$

$\{1, 2, 3, 4\dots\}$

Real numbers

irrational

$$\pi = 3.14159265\dots$$

$$\sqrt{2} = 1.4142135\dots$$

Rational

$$\frac{1}{3}$$

$$0.875$$

$$\frac{2}{9}$$

$$0.5$$

$$0.\overline{2}$$

$$\frac{3}{4}$$

integers

$$-18$$

$$-99$$

whole numbers

$$0$$

natural numbers

$$5$$

$$84$$

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