

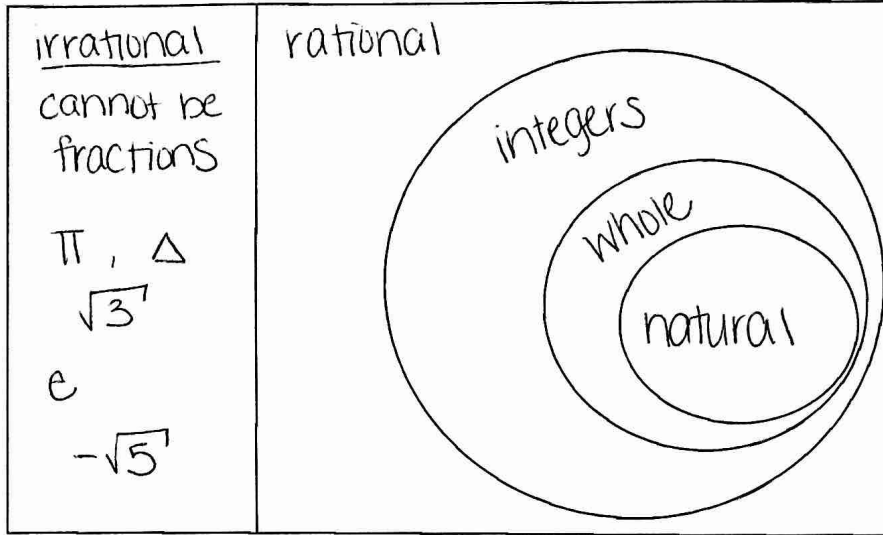
Classifying Numbers Activity

Name: _____

The Venn Diagram below represents all Real numbers.

Definitions & Labels

REAL NUMBERS



natural: counting
1, 2, 3, ...

whole: 0 & counting
0, 1, 2, 3, ...

integers: negative & 0 & counting
... -3, -2, -1, 0, 1, 2, 3, ...

rational: can be written as a fraction

ex $\frac{1}{3}, -\frac{2}{5}, 2.5, 0.\overline{6}$

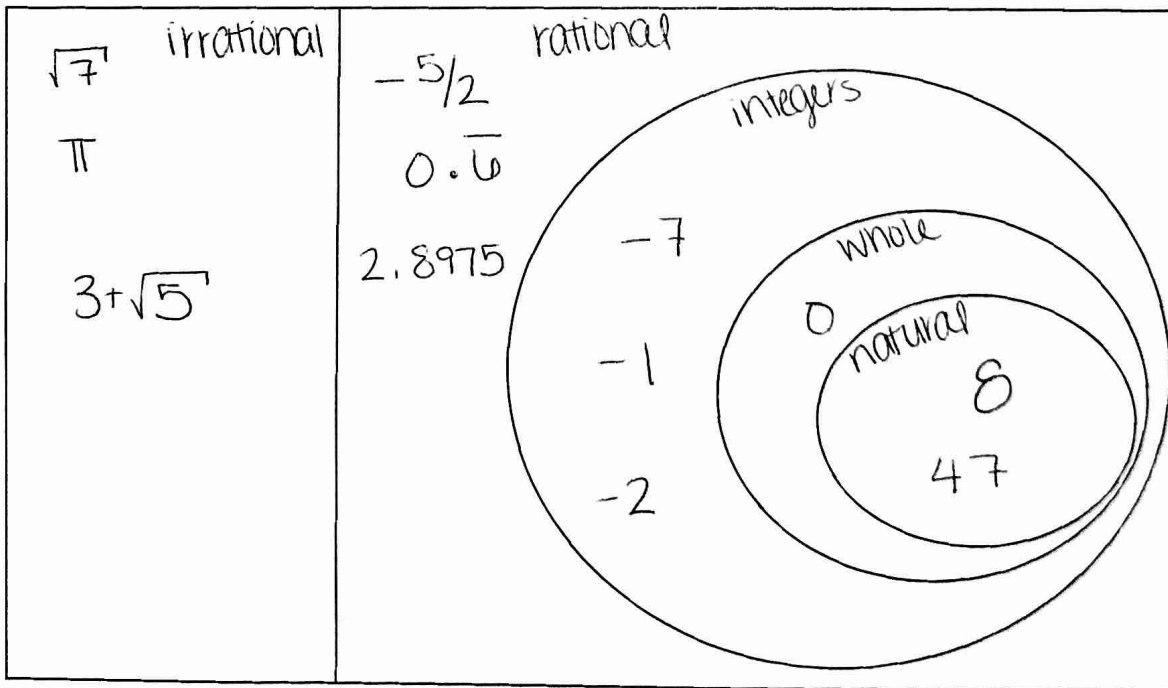
Practice

Write the following numbers in the proper section of the diagram based on their classification.

- | | | | | | |
|------------|----------------|------------------|----|---------------|--------------|
| $\sqrt{7}$ | -7 | $0.\overline{6}$ | 47 | $4-\sqrt{25}$ | -2 |
| π | $-\frac{5}{2}$ | 0 | 8 | $4-5=-1$ | $3+\sqrt{5}$ |

specific

REAL NUMBERS



17
specific: natural
classify: natural
whole
integer
rational
real

-12
specific: integer
classify: integer
rational
real