

STUDENT INSTRUCTIONS

- 1 Follow the directions to complete the work on each of the following slides.
- 2 Be sure to ask questions and show your thinking on scratch paper.
- 3 Once complete, access the exit ticket by typing the short link into your internet browser.
- 4 Submit your exit ticket.

CLASSIFYING REAL NUMBERS

☐ SLIDE 3

☐ SLIDE 4

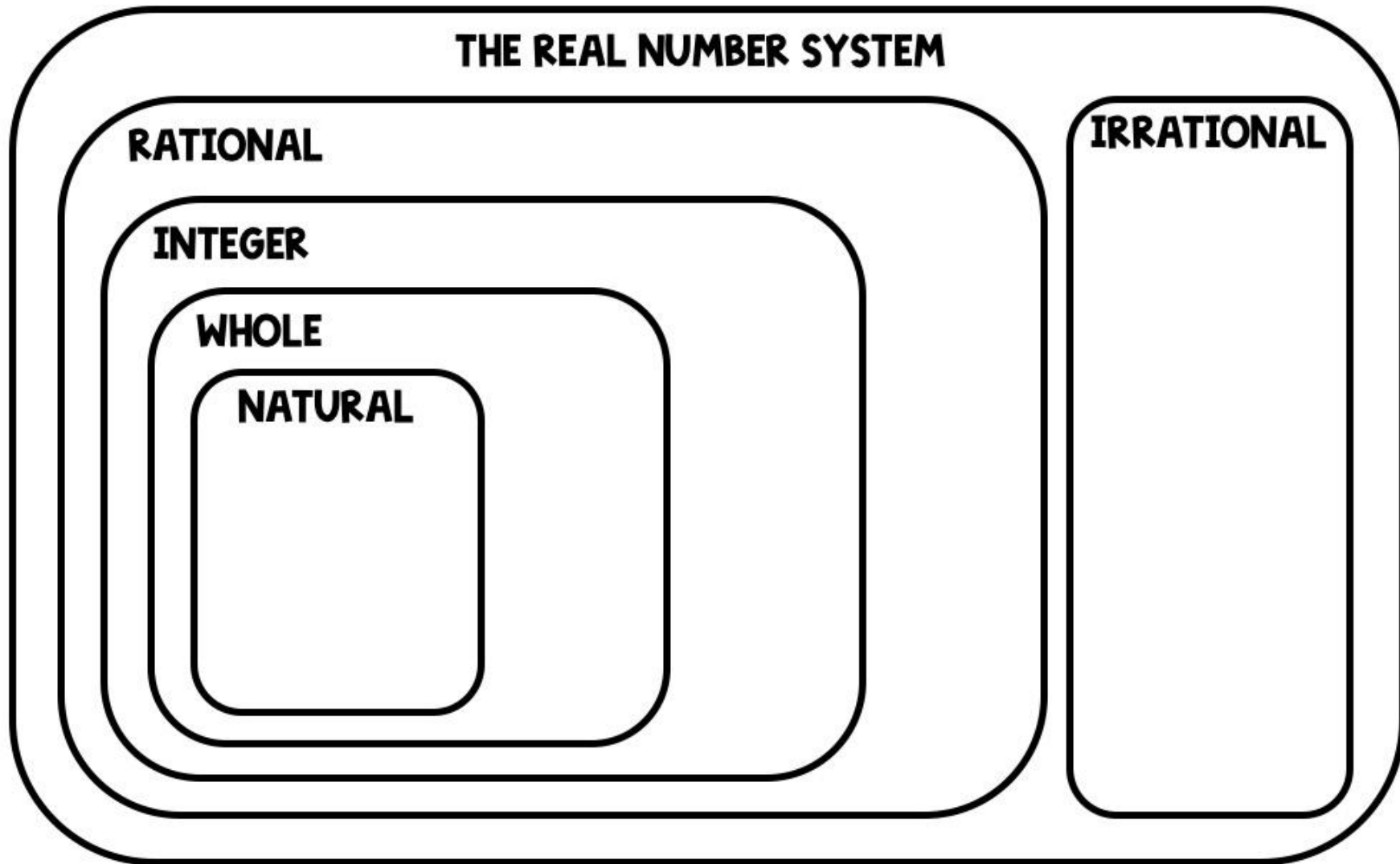
☐ SLIDE 5

☐ SLIDE 6

☐ EXIT TICKET

CLASSIFYING REAL NUMBERS

THE GRAPHIC ORGANIZER REPRESENTS THE RELATIONSHIP BETWEEN SETS OF REAL NUMBERS. DRAG EACH VALUE TO THE SECTION WHICH BEST CLASSIFIES THE NUMBER.



$$-\sqrt{4}$$

$$\frac{0}{5}$$

$$.4\overline{2}...$$

$$-\frac{100}{2}$$

$$\frac{16}{2}$$

$$\sqrt{95}$$

$$-9$$

$$.723\ldots$$

$$8\frac{1}{4}$$

$$\sqrt{36}$$

**DRAG
THESE**



USE THE SHAPE TOOL TO CREATE A RECTANGLE TO COVER ANY VALUES IN EACH TABLE THAT DO NOT REPRESENT THE TYPE OF REAL NUMBER GIVEN IN THE BLACK RECTANGLE.

INTEGER

$\sqrt{81}$	-3.5	$\frac{12}{3}$
.75	11	$-\frac{10}{3}$
$-\sqrt{9}$	$\frac{1}{2}$	-5

WHOLE

-6	$\frac{24}{4}$	1.5
.2	$\sqrt{49}$	$\frac{3}{5}$
$\sqrt{10}$	0	6.6

RATIONAL

75	6.25	3π
-8	.724..	$\sqrt{225}$
$\sqrt{105}$	$\frac{1}{2}$	$\bar{9}$

CLASSIFYING REAL NUMBERS

DRAG AND MATCH THE VALUE THAT GIVES A CORRECT EXAMPLE OF EACH DESCRIPTION. NOT ALL PIECES WILL BE USED.



-5.5

$\frac{32}{3}$

$\sqrt{35}$

$\frac{7}{3}$

$\sqrt{121}$

Rational number
between 2 and 3

Integer less
than 0

Irrational number
greater than 7

Whole number
less than 7

Natural number
greater than 10

$\sqrt{52}$

2.7625...

$7.\bar{7}$

0

-16

CLASSIFYING REAL NUMBERS

USE THE TYPING TOOL TO TYPE AN "X" IN ANY COLUMN THAT CORRECTLY CLASSIFIES THE GIVEN VALUE IN THE ROW.



	NATURAL	WHOLE	INTEGER	RATIONAL	IRRATIONAL	REAL
$-\frac{25}{5}$						
$\sqrt{77}$						
-1.75						
$\sqrt{16}$						
0						

EXIT TICKET

ACCESS YOUR EXIT TICKET AT:
