

# ALGEBRA 2

**FREEBIE**

A. $\sqrt{2}$	B. $-7$	C. $\frac{3}{4}$	D. $\pi$	E. $-\pi$	F. $0.\overline{17}$
G. $\frac{\pi}{4}$	H. $\sqrt{36}$	I. $2\frac{3}{4}$	J. $0.625$	K. $\frac{4}{5}$	L. $\frac{4}{5}$
M. $2$	N. $1-6$	O. $\frac{1}{2}$	P. $\sqrt{36}$	Q. $2\sqrt{2}$	R. $\frac{2}{3}$
S. $\frac{3}{2}$	T. $\frac{11}{4}$	AA. $\frac{\pi}{2}$	BB. $-1$	CC. $6\frac{3}{5}$	DD. $\frac{5}{8}$
EE. $\frac{\sqrt{2}}{2}$	FF. $\frac{3}{50}$	GG. $6$	HH. $\sqrt{8}$	II. $0.58\overline{3}$	JJ. $2\pi$

## Number Sense Sort & Match



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## NUMBER SENSE SORT ACTIVITY

This activity has 42 cards meant for the beginning unit in Algebra 2. In this activity, students will determine the appropriate classification of numbers. The activity is meant for Algebra students of all levels.

### **OBJECTIVE:**

To build vocabulary of students in Real Numbers by classifying numbers into appropriate sets.

### **ACTIVITY:**

Students will explore their understanding of the real number system and classifying numbers into sets accurately. Students may work in pairs or in groups.

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# TEACHER NOTES:

## OBJECTIVE:

To build vocabulary of students in Real Numbers by classifying numbers into appropriate sets.

## ACTIVITY:

Students will explore their understanding of the real number system and classifying numbers into sets accurately. Students may work in pairs or in groups.

## DIRECTIONS:

1. Have students cut out the squares.
2. Give directions to complete a task, such as:
  - a. Find all numbers that are equivalent.
  - b. Sort all rational numbers and irrational numbers
  - c. Sort all integers and non-integers
  - d. In the set of rational numbers, sort by repeating decimals, non-repeating decimals, and terminating decimals.
  - e. Numbers between 0 and 1 or numbers between  $-1$  and 0
  - f. Numbers with the same absolute value.
  - g. Order the numbers sequentially on a number line.



A. $\sqrt{2}$	B. $-7$	C. $\frac{3}{4}$	D. $\pi$	E. $-\pi$	F. $0.\overline{17}$
G. $\frac{\pi}{4}$	H. $\sqrt{36}$	I. $2\frac{3}{4}$	J. $0.625$	K. $-5$	L. $\frac{20}{4}$
M. $-\frac{3}{4}$	N. $0.\overline{6}$	O. $ -6 $	P. $0.06$	Q. $6.6$	R. $-\frac{3}{5}$
S. $1$	T. $\frac{1}{8}$	U. $0$	V. $-\sqrt{36}$	W. $2\sqrt{2}$	X. $\frac{2}{3}$
Y. $\frac{3}{2}$	Z. $\frac{11}{4}$	AA. $\frac{\pi}{2}$	BB. $-1$	CC. $6\frac{3}{5}$	DD. $\frac{5}{8}$
EE. $\frac{\sqrt{2}}{2}$	FF. $\frac{3}{50}$	GG. $6$	HH. $\sqrt{8}$	II. $0.58\overline{3}$	JJ. $2\pi$
KK. $\frac{7}{12}$	LL. $1.5$	MM. $0.6$	NN. $0.125$	OO. $-\sqrt{49}$	PP. $\sqrt{\frac{4}{9}}$

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