

Number Set Tiles (give a copy to every student or group)

Use with explorations of number sets, absolute value, and decimals.

For more ideas, visit <http://teachingcollegemath.com/games/>

$\sqrt{3}$	-6	5	$\frac{3}{4}$	π	5.2	$\frac{1}{8}$
0.05	10	-0.7	3.3	$\frac{10}{2}$	$-\sqrt{9}$	$\frac{1}{2}$
$0.\overline{19}$	-1	$\sqrt{4}$	$-3\frac{1}{2}$	$-\frac{2}{5}$	$\frac{1}{3}$	3
$2\frac{1}{4}$	$\sqrt{8}$	2	$\frac{\pi}{2}$	6	$\sqrt{2}$	-4
-3	$\frac{8}{1}$	$-\sqrt{5}$	$0.8\overline{3}$	$\frac{3}{2}$	-0.5	2π
0.20	$-\frac{3}{2}$	$\frac{1}{4}$	-5	$\frac{7}{4}$	-10	0
$-0.\overline{3}$	$\sqrt{25}$	$\frac{1}{20}$	$\frac{6}{2}$	$\sqrt{6}$	-2	$-\frac{3}{4}$
$\frac{\pi}{3}$	1	$\frac{\sqrt{2}}{2}$	$-\pi$	0.125	$\frac{7}{10}$	4

1. Find all the pairs or triples that are the same in absolute value.
2. Find all the numbers that are integers.
3. Find all the negative irrational numbers.
4. Find all the pairs of numbers that are opposites of each other.
5. Find all the numbers that are in the set of natural numbers.
6. Find all the rational numbers that are equivalent to terminating decimals.
7. Find all the numbers that fall between 0 and 1.
8. Find all the numbers that fall between 0 and -1.
9. Find all the real numbers.