

Rational & Irrational Card Sort

$\sqrt{9}$	7	-3.8	0	$2\frac{3}{4}$	-57
$\overline{0.54}$	$\frac{\pi}{4}$	$\sqrt{65}$	-0.2323...	200	-10.2
$-\sqrt{12}$	-8	$-\frac{3}{5}$	π	0.71711...	$\overline{4.06}$
$\overline{-3.7}$	-78	-0.1111...	$-1\frac{5}{11}$	$-\sqrt{64}$	-1

Activities by Jill

Teacher Notes

1. Copy slides 3 and 4 front back. Be sure that the answers (rational/irrational) match up correctly with the numbers on the front.
2. Students will cut the squares apart and then sort them according to whether they are rational or irrational.
3. Using the mat on slide #5 is optional.
4. After sorting, students can flip the cards over to check their answers.
5. The mini-cards may be saved and reused for repeated practice.

Activities by Jill

Cut the squares apart. Then sort them according to whether they are rational or irrational.

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$-\overline{3.7}$	-78	-0.1111...	$-1\frac{5}{11}$	$-\sqrt{64}$	-1

Rational	Rational	Rational	Rational	Rational	Rational
Rational	Rational	Rational	Irrational	Irrational	Rational
Rational	Irrational	Irrational	Rational	Rational	Irrational
Rational	Rational	Rational	Rational	Rational	Rational

Rational

Irrational

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Activities by Jill

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