

Reciprocals

Numbers, specifically whole numbers and fractions have a number that when you multiply the two numbers together gives the number one.

Ex. $1 \times 1 = 1$

Note: 1 is its own reciprocal.

Recall, that a number divided by itself is equal to one.

Ex. $5/5 = 1$

Recall also that a whole number can be written as a fraction.

Ex. $5 = 5/1$

The reciprocal of a fraction, contains the same numbers but in opposite positions.

Ex. $1/5$ is the reciprocal of $5/1$

Ex. $2/3$ is the reciprocal of $3/2$

*note: don't forget that a mixed number can be written as a fraction. $2 + 2/3 = 8/3$

exercises: name the reciprocal of the following numbers:

1.) 1

2.) 3

3.) 9

4.) $2/4$

5.) $5/2$

6.) $5/16$

7.) $7/4$

8.) $3/9$

9.) $13/3$

10.) $0/5$