

Properties of Irrational Numbers

 Bell Work

Math 8

1. Complete the following statements.

- The decimal forms of square roots of numbers that are not perfect squares never stop and never repeat, so these square roots are _____.
- _____ is a decimal in which one digit or a group of digits is repeated without end.
- The product of a number and negative one is the _____ of the number.

2. Which of the following statements is correct?

- A rational number is a number that can be written as the ratio of two integers.
- An irrational number is a number that can be written as the ratio of two integers.
- A repeating decimal can not be written as a fraction.

Multiple Choices

3. The product of $\sqrt{5}$ and its reciprocal is:

- 1
- 0
- 1
- The product is undefined.

4. The quotient of $\sqrt{6}$ and $-\sqrt{6}$ is:

- The quotient is undefined.
- 0.
- 1
- 1

5. The sum of $\sqrt{7}$ and $-\sqrt{7}$ is:

- 0
- $\sqrt{14}$
- 1
- 1