

Rational Numbers Quiz

Mathematics · Answer Key · 10 Questions

1. Which of the following is a rational number?

- A) $\sqrt{2}$
- B) $\sqrt{3}$
- C) $\frac{1}{2}$**
- D) $\sqrt[3]{3}$

2. Can rational numbers be expressed as a fraction $\frac{p}{q}$, where q is not equal to?

- A) 1
- B) 0**
- C) -1
- D) 2

3. Is 5 a rational number?

- A) Yes**
- B) No
- C) Maybe
- D) Sometimes

4. Which of the following decimals is a rational number?

- A) 3.14159...
- B) 0.3333...**
- C) 1.41421...
- D) 2.71828...

5. A repeating decimal is a rational number.

- A) True**
- B) False
- C) Sometimes
- D) Never

6. Which set of numbers does rational numbers belong to?

- A) Irrational Numbers
- B) Integers**
- C) Imaginary Numbers
- D) Complex Numbers

7. Which number is not rational?

- A) 0
- B) -7
- C) 1.5
- D) ?**

8. Is 0.75 a rational number?

- A) Yes**
- B) No
- C) Maybe
- D) Sometimes

9. What form is required of rational numbers?

- A) p/q**
- B) $p \cdot q$
- C) $p - q$
- D) $p + q$

10. What is the decimal representation of $1/4$?

- A) 0.2
- B) 0.25**
- C) 0.4
- D) 0.5