ZiloAcademy

✨ Grade 8 Maths — Rational & Irrational Numbers ✨

Name: Demo **Date:** 26/11/2026

1. Is 0.75 rational or irrational? Is √50 rational or irrational? And is −3/4 rational or irrational? (Separate your three answers with commas.)

2. Is √5 rational or irrational?

3. Is √2 rational or irrational?

4. Is √16 rational or irrational? Is 5 rational or irrational? And is 0.333... rational or irrational? (Separate your three answers with commas.)

5. Is √7 rational or irrational? And is √81 rational or irrational? (Separate your two answers with a comma.)

6. Is 5 rational or irrational? Is √2 rational or irrational? And is 0.333... rational or irrational? (Separate your three answers with commas.)

7. Is e rational or irrational? And is $\sqrt{50}$ rational or irrational? (Separate your two answers with a comma.)

8. Is 2.101001000... rational or irrational?

9. Is $\sqrt{3}$ rational or irrational? Is 2/3 rational or irrational? And is $\sqrt{25}$ rational or irrational? (Separate your three answers with commas.)

10. Is $\sqrt{81}$ rational or irrational? Is 1.5 rational or irrational? And is 0.666... rational or irrational? (Separate your three answers with commas.)