To Be Rational or Not To Be Rational - That is the Question!

Name: ___________________ Date: ________________

Using your calculator when necessary solve for the square root of each number. Determine if the solution is a rational or irrational number.

1. $\sqrt{16}$ Rational or Irrational

2. $\sqrt{24}$ Rational or Irrational

3. $\sqrt{16}$ Rational or Irrational

4. $\sqrt{87}$ Rational or Irrational

5. $\sqrt{64}$ Rational or Irrational

6. $\sqrt{32}$ Rational or Irrational

7. $\sqrt{81}$ Rational or Irrational

8. $\sqrt{121}$ Rational or Irrational

9. $\sqrt{6}$ Rational or Irrational

10. $\sqrt{144}$ Rational or Irrational
11. Explain how you know which answers are rational or irrational.