

Name _____

Date _____

Multiplying and Adding Rational and Irrational Numbers - Independent Practice Worksheet

Determine whether the sum or product will be rational or irrational.

1. $10 + 0.01$ Rational / Irrational

2. $12 + 0.05$ Rational / Irrational

3. $15 + 0.07$ Rational / Irrational

4. $17 + 0.02$ Rational / Irrational

5. $\sqrt{7} + 8$ Rational / Irrational

6. $\sqrt{11} + 9$ Rational / Irrational

7. $\sqrt{17} \times 5$ Rational / Irrational

8. $\sqrt{20} \times 7$ Rational / Irrational

9. $\sqrt{225} \times \sqrt{625}$ Rational / Irrational

10. $\sqrt{36} \times \sqrt{64}$ Rational / Irrational

