



Determine if the number is rational (R) or irrational (I).

**Answers**

1)  $\frac{1}{3}$

1. \_\_\_\_\_

2) 96

2. \_\_\_\_\_

3)  $88.062\overline{107}$

3. \_\_\_\_\_

4) 99.181671

4. \_\_\_\_\_

5) 83.638763...

5. \_\_\_\_\_

6)  $82.8358\overline{165}$

6. \_\_\_\_\_

7)  $\sqrt{28}$

7. \_\_\_\_\_

8)  $\frac{65}{42}$

8. \_\_\_\_\_

9)  $78.2813\overline{122}$

9. \_\_\_\_\_

10)  $\sqrt{36}$

10. \_\_\_\_\_

11)  $\sqrt{25}$

11. \_\_\_\_\_

12)  $\sqrt{39}$

12. \_\_\_\_\_

13) 62.687713

13. \_\_\_\_\_

14)  $61\pi$

14. \_\_\_\_\_

15)  $\frac{6}{81}$

15. \_\_\_\_\_

16) 86

16. \_\_\_\_\_

17)  $\sqrt{4}$

17. \_\_\_\_\_

18) 23

18. \_\_\_\_\_

19)  $\frac{76}{39}$

19. \_\_\_\_\_

20) 13

20. \_\_\_\_\_



Determine if the number is rational (R) or irrational (I).

Answers

- |                            |   |
|----------------------------|---|
| 1) $\frac{1}{3}$           | 1. <u>          <b>R</b>          </u>  |
| 2) 96                      | 2. <u>          <b>R</b>          </u>  |
| 3) $88.062\overline{107}$  | 3. <u>          <b>R</b>          </u>  |
| 4) 99.181671               | 4. <u>          <b>R</b>          </u>  |
| 5) 83.638763...            | 5. <u>          <b>I</b>          </u>  |
| 6) $82.8358\overline{165}$ | 6. <u>          <b>R</b>          </u>  |
| 7) $\sqrt{28}$             | 7. <u>          <b>I</b>          </u>  |
| 8) $\frac{65}{42}$         | 8. <u>          <b>R</b>          </u>  |
| 9) $78.2813\overline{122}$ | 9. <u>          <b>R</b>          </u>  |
| 10) $\sqrt{36}$            | 10. <u>          <b>R</b>          </u> |
| 11) $\sqrt{25}$            | 11. <u>          <b>R</b>          </u> |
| 12) $\sqrt{39}$            | 12. <u>          <b>I</b>          </u> |
| 13) 62.687713              | 13. <u>          <b>R</b>          </u> |
| 14) $61\pi$                | 14. <u>          <b>I</b>          </u> |
| 15) $\frac{6}{81}$         | 15. <u>          <b>R</b>          </u> |
| 16) 86                     | 16. <u>          <b>R</b>          </u> |
| 17) $\sqrt{4}$             | 17. <u>          <b>R</b>          </u> |
| 18) 23                     | 18. <u>          <b>R</b>          </u> |
| 19) $\frac{76}{39}$        | 19. <u>          <b>R</b>          </u> |
| 20) 13                     | 20. <u>          <b>R</b>          </u> |