

 Practice

Directions: For Numbers 1 through 7, write whether each real number is rational or irrational.

1. $\frac{1}{9}$ _____

2. $\sqrt{11}$ _____

3. 21.09 _____

4. -18 _____

5. $\sqrt{300}$ _____

6. $\frac{8}{17}$ _____

7. 52.7246... _____

8. Circle all the real numbers below that are rational.

$-\frac{3}{4}$ 0.23 17.27341... 7.2 $\sqrt{17}$

9. Circle all the real numbers below that are **not** integers.

-7 0 $\frac{13}{50}$ 78.3 3,416

10. Which number is rational but **not** an integer?

A. $\sqrt{9}$

B. $\frac{14}{7}$

C. π

D. $\frac{3}{5}$

11. Which real number is an integer but **not** a whole number?

A. 12

B. -9

C. -3.2

D. $\sqrt{15}$