

Name: _____

HW ID: A

9. What is a rational number? Is each of the following numbers rational or irrational? Explain why.

-6 _____

$\frac{-4}{2}$ _____

$\sqrt{15}$ _____

-5 _____

$\frac{-1}{-4}$ _____

-4 _____

10. What is a rational number? Is each of the following numbers rational or irrational? Explain why.

2 _____

$\frac{4}{-5}$ _____

$\sqrt{12}$ _____

7 _____

$\frac{-5}{4}$ _____

4 _____

11. What is a rational number? Is each of the following numbers rational or irrational? Explain why.

-4 _____

$\frac{2}{3}$ _____

$\sqrt{23}$ _____

-7 _____

$\frac{-8}{2}$ _____

2 _____

12. What is a rational number? Is each of the following numbers rational or irrational? Explain why.

4 _____

$\frac{0}{4}$ _____

$\sqrt{8}$ _____

-7 _____

$\frac{5}{0}$ _____

0 _____