

Name _____ Date _____ Period _____

Rational Numbers Vocabulary Quiz

Word Bank

rational numbers
terminating decimals
repeating decimals
bar notation

multiplicative inverses
reciprocals
like fractions
unlike fractions

power
base
exponent
scientific notation

Use the Word Bank to answer questions 1-5.

1. If you write 4^3 , 4 is the _____.
2. If you write 5^7 , 7 is the _____.
3. $2, \frac{1}{3}, 0.25, 0.\bar{6}$, and $7\frac{4}{5}$ are all examples of _____.
4. $0.\overline{34}$ is written in _____.
5. 3.1×10^{-3} is written in _____.

Answer the questions.

6. What is the multiplicative inverse of $\frac{3}{4}$? _____
7. What is the reciprocal of $-\frac{8}{7}$? _____
8. List 3 examples of like fractions: _____, _____, _____
9. List 3 examples of unlike fractions: _____, _____, _____
10. Fill in the chart by checking if each decimal is terminating or repeating.

	Terminating	Repeating
0.25		
$0.\bar{6}$		
$0.1\overline{778}$		
0.4		