

HW: Mixed Practice

Name _____

Date _____ Block _____

Name all of the subsets for which each number belongs. (rational (Q), integer (Z), whole (W), natural (N), irrational (I))

1.) -9 _____

2.) 0 _____

3.) 0.47012... _____

4.) $\frac{2}{3}$ _____

5.) 25 _____

6.) $\sqrt{2}$ _____

7.) $-\frac{6}{7}$ _____

8.) π _____

Evaluate.

9.) $9^0 =$ _____

10.) $4^5 =$ _____

11.) $1^4 =$ _____

12.) $19^1 =$ _____

13.) $\sqrt{1} =$ _____

14.) $\sqrt{169} =$ _____

15.) $\sqrt{100} =$ _____

16.) $\sqrt{9} =$ _____

Write the following in scientific notation or in standard form.

17.) $5 \times 10^6 =$

18.) 40,060,000 =

19.) $4.7 \times 10^{-4} =$

20.) $2.15 \times 10^7 =$

21.) 0.00000086 =

22.) 5,000,000,000 =

Complete the table.

	Fraction	Decimal
10^{-5}		
10^{-4}		
10^{-3}		
10^{-2}		
10^{-1}		
10^0		