

Write the following numbers in standard notation.

- | | |
|-----------------------|-----------------------|
| 1. 6 million _____ | 2. 0.2 billion _____ |
| 3. 1.4 trillion _____ | 4. 30 million _____ |
| 5. 19 billion _____ | 6. 27.5 million _____ |
| 7. 175 million _____ | 8. 4.6 million _____ |

Write the following numbers in number-and-word notation.

9. 1,300,000 _____
10. 39,000,000 _____
11. 6,000,000,000 _____
12. 12,900,000,000 _____

Complete the "What's My Rule?" tables and rule boxes.

13.

Rule	
out = in / 300	

in	out
	9
	12
	15
7,500	
	100

14.

Rule	

in	out
7	$\frac{7}{10}$
10	1
	5
180	
100	10

15.

Rule	
out = in - 95	

in	out
876	
310	
	95
190	
	-54

16.

Rule	

in	out
800	16,000
160	
	900
315	
6	120



17. Write each fraction as a decimal and a percent.

Fraction	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{1}{10}$	$\frac{3}{4}$	$\frac{7}{10}$	$\frac{1}{3}$	$\frac{7}{8}$
Decimal								
Percent								

Make stem-and-leaf plots for the following groups.

Then answer the questions.

Example	4, 21, 16, 7, 11,	Stems (10s)	Leaves (1s)
	8, 22, 9, 16, 10,		
	9, 12, 16, 16		
	0	4, 7, 8, 9, 9	
	1	0, 1, 2, 6, 6, 6, 6	
	2	1, 2	

18. 102, 120, 94, 96, 80,
87, 94, 79, 82, 121,
91, 115, 120, 94, 76

Stems (10s)	Leaves (1s)
7	
8	
9	
10	
11	
12	

19. What is the mode?

20. What is the median?

21. What is the range?

22. 28, 24, 38, 41, 52,
29, 33, 43, 24, 56,
27, 58, 21, 39, 44,
55

Stems (10s)	Leaves (1s)
2	
3	
4	
5	

23. What is the mode?

24. What is the median?

25. What is the range?
