**Math 8 Unit 1 Review**

1. $-20-(-19)=$

2. $(-5)(-8)=$

3. $18÷-3=$

4. $-\frac{3}{7}+\frac{5}{7}=$

5. Change to a mixed number: $\frac{38}{13}$

6. Change to an improper fraction: $7\frac{3}{5}$

7. Compare: $23.6\%$ $0.23$

8. Compare: $\frac{1}{5}$ $20\%$

9. What is $7.62×10^{-3}$ in standard form?

10. Write 3,450,000 in scientific notation.

11. What is 0.18 as a reduced fraction?

12. $2\frac{1}{5}+4\frac{3}{4}$

13. $\frac{3}{5}∙\frac{10}{12}=$

14. $2\frac{3}{4}÷\frac{1}{4}=$

15. $\frac{6}{7}-\frac{5}{6}=$

16. $5^{2}÷5+9=$

17. $36+\left(7-22\right)+9=$

18. Order from least to greatest:

 $0.22, 2.3×10^{-1}, 27\%, \frac{1}{5}$

19. You have a credit card where you owe $75. You go to the store and spend $50, then you pay $100 to the credit card company. Write a number sentence to describe this situation. What integer represents how much you owe still to your credit card.

20. You have a ribbon that is 3/4 ft in length. You find another ribbon the is 5/6 ft in length. How much total ribbon do you have?

21. At a specific zoo, 5/8 of the animals are mammals, of those mammals, 4/7 are a type of feline (cat). What fraction of the all animals at the zoo are mammals and felines?

1. -1
2. 40
3. -6
4. $\frac{2}{7}$
5. $2\frac{12}{13}$
6. $\frac{38}{5}$
7. $>$
8. =
9. .00762
10. 3.45 x 106
11. $\frac{9}{50}$
12. $6\frac{19}{20}$
13. $\frac{1}{2}$
14. 11
15. $\frac{1}{42}$
16. 14
17. 30
18. $\frac{1}{5} , $ 0.22, 2.3 x 10-1, 27%
19. $-75-50+100= -50$
20. $1\frac{7}{12}$ft of ribbon