Mental Math Homework #1

Name_____Class _____

Date _____ " _____ "

1. 2^3	
2. $27 \div 9 + 3$	
3. *If* $m + 40 = 75$, *then* $m =$?	
4. Number of letters in the alphabet minus the number of months in a year?	
5. $(4 + 2)^2$	
6. Write $3 \cdot 3 \cdot 3 \cdot 3$ in exponential form.	
7. $8 \cdot 9$	
8. $\frac{48}{6} \cdot 8 = n^2$, n=?	
9. 1^{10}	
10. $5 + (4)(3) =$?	
11. Farmer Brown has some pigs and chickens. One day he counted 24 legs and 7 heads in the barnyard. How many of each animal did Farmer Brown count?	
12. $(-2)(3)(-4)$	
13. $16 = 2^?$	
14. Bobby thinks that $5^2 = 10$. What is wrong with this answer?	
15. True or False? $4 + 6 \cdot 2 = 4 + 12$	
16. If $a = b$ *and* $b = 6$, then $ab =$?	
17. True or False? If $a = 9$ *and* $b = a$, then $ab = b^2$	
18. $5 + (9)(6) =$?	
19. What is 50% of 50% of 100?	
20. $(56 \div 8)(21 \div 7 =$?$)$	