

ALL PROBLEMS CAN BE COMPLETED ON THIS WORKSHEET

**WS 1A.1 - The Absolute Basics**#1-9, Insert  $<$ ,  $>$ , or  $=$  to make each statement true.

1.  $3.40$   
 $3.4 = 3.40$

2.  $3.40$   
 $3.4 < 3.41$

3.  $6.75 = 6\frac{3}{4}$   $\leftarrow 6.75$

4.  $5 < 10$

5.  $-5 > -10$

6.  $10.20000 < 10.\overline{2}$   $10.22222..$

7.  $4.47213... > 4.47$   $4.470000$

8.  $7 = 7$   
 $|7| = |-7|$

9.  $3.14159... > 3.14$   $3.1400000$   
 $\pi$

10. What is the opposite of 19? The opposite of 19 is  $\boxed{-19}$ .11. What is the opposite of -19? The opposite of -19 is  $\boxed{19}$ .12. What is the opposite of 0? The opposite of 0 is  $\boxed{0}$ . Because  $0 + 0 = 0$ 13. What is the opposite of  $-\frac{3}{2}$ ? The opposite of  $-\frac{3}{2}$  is  $\boxed{\frac{3}{2}}$ .14. What is the opposite of  $x$ ? The opposite of  $x$  is  $\boxed{-x}$ .

#15-18, Simplify each expression.

15.  $\left|\frac{20}{5}\right| = |4|$   
 $= \boxed{4}$

16.  $|4| + |-4|$   
 $= 4 + 4$   
 $= \boxed{8}$

17.  $|-2| + |-5|$   
 $= 2 + 5$   
 $= \boxed{7}$

18.  $|0|$   
 $= \boxed{0}$