

(Make sure you staple an Extra Credit cover sheet to this and turn it in during the hour of the exam. NO late Extra Credit will be accepted.) Do NOT use a calculator, give exact answers!

1. Evaluate/simplify these expressions and place the letter corresponding to each one on the number line below. (*Place a dot on the number line and the letter above it, as shown in the example.*) If the expression is undefined, then state that clearly instead of evaluating it. Also, fill in the table telling the smallest set the number belongs to. Choose from these number sets: **R** = real numbers, **Q** = rational numbers, **I** = irrational numbers, **Z** = integers, **W** = whole numbers

Number to evaluate and plot:	Simplified value:	Set:
A. $-\sqrt{5}$		
B. $-2^2$		
C. $4^0$		
D. $-(e-1)$		
E. $-0.8$		
F. $0.\overline{7}$		
G. $\sqrt{25-16}$		
H. $ 3-8 $		
I. $\frac{ x }{x}$ if $x$ is negative		
J. $64^{\frac{-1}{3}}$		
K. Additive Identity		
L. Additive inverse of $\frac{7}{5}$		
M. Multiplicative Identity		
N. Multiplicative inverse of $\frac{7}{5}$		
O. $\frac{0}{9}$		
P. $\frac{9}{0}$		
Q. $\frac{0}{0}$		
R. $0.\overline{9}$		
S. $0^0$		

