Order of Operation
Unless told otherwise use
Please Parentheses
F years From onts
My Multiplication and Division (left to right)
A unt Addition and Subtraction (left to right)
Sally
for parentheses inside parentheses work from the inside out
$= (2.10)^2 \qquad (1.2.2) \qquad (2.1.2) \qquad ($
5(3+2) 9/3·3 divide then 9/(3·3) multiply then
$=5(5)^{2}$ = 3.3 multiply = 9/9 divide = 5(25) = 9 = 1
= /25
4+5.6 multiply 9(6+5) parentheses
$= 4 + 30  Add \qquad = 9(11)  \text{multiply}$
= 34 = 99
2(3+5)+7.4 parentheses 3.4-2.7+5 multiply
= 2(8) + 7.4 multiply = 12 - 2.7+5 Divide
= 16 + 28 add = 6.7+5 Multiply
$= 44 \qquad = 42 + 5 \qquad Add$
= 47
45-23.3+7 exponent
-1/5-9/3+7 multiple
= 45-24+7 subtract note 45-24+7 Associative
= 21+7 Add -45-17 Property
= 28 = 28
72 - 2 · 3 + 4 · 23 - 33 exponent
= 72 - 2 · 3 + 4 · 8 - 27 Divide
= 36:3 + 4.8-27 multiply
= 108 + 32 -27 Add
= 140-27 Subtract
= 1/3

Simplify the no then divide if	imerator and denominator seperately	
<u>2(7+8)+2</u> 3·5+1	Parentheses Multiply	
= <u>2(15)+2</u> 15+1	Multiply Add	
= <u>30 + 2</u> 16	Add	
= <u>32</u> 16	Divide/Simplify	
= 2		