

Order of Operations

p. 137

Operators

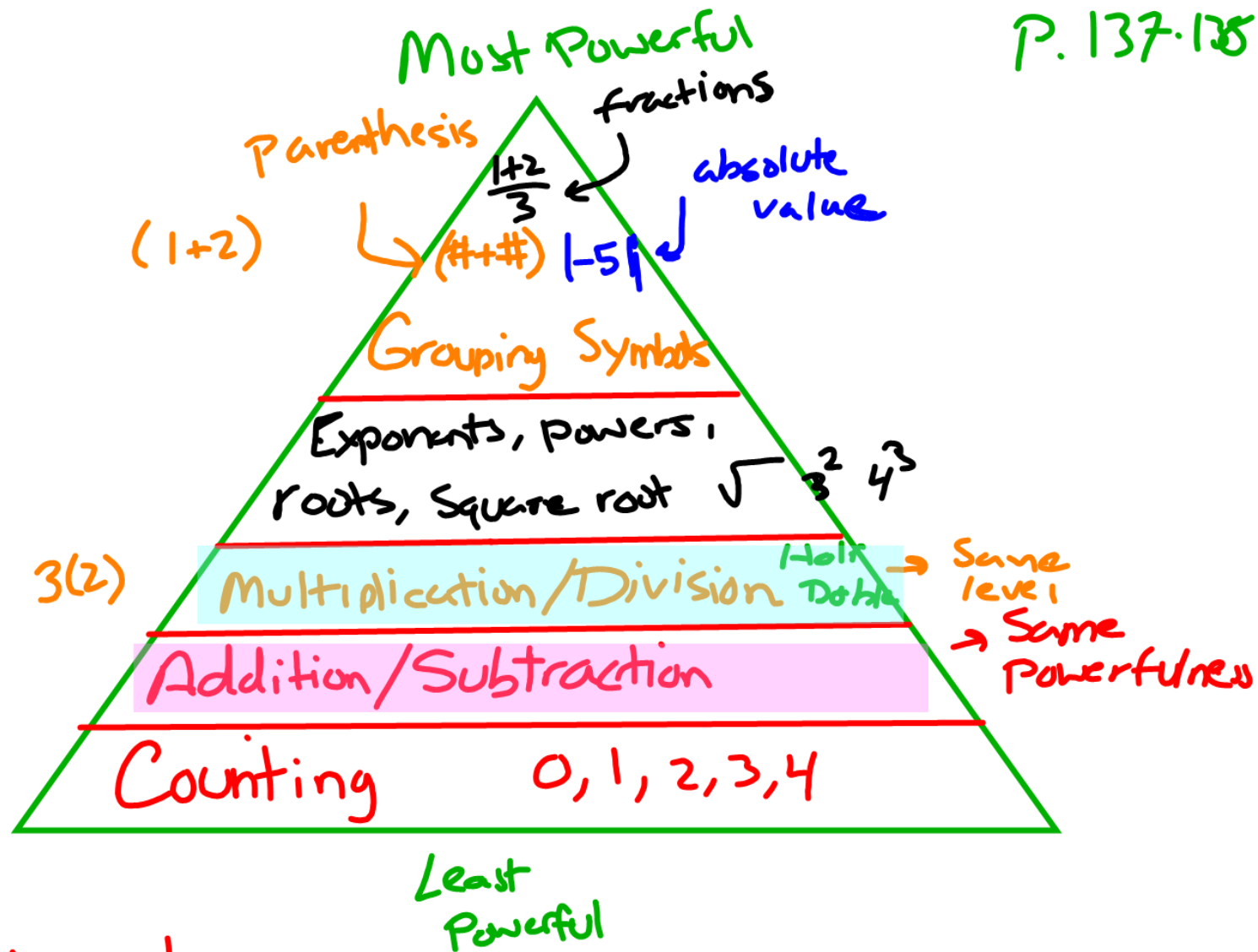
- || addition
- || multiplication
- EXponents
- | division
- subtraction
- Parentthesis
- fractions
- half or double
- Square root
- Square
- absolute value
- POWERS

Rough Draft

Most Powerful

Least Powerful

- addition ✓
- Multiplication ✓
- Exponents ✓
- division ✓
- subtraction ✓
- Parentthesis ✓
- fractions
- half or double ✓
- Square root ✓
- Square ✓
- absolute value ✓
- powers ✓
- Counting ✓



When two operators are at the same level, we simplify from Left to Right

$$5 - 2 + 3 = \boxed{6}$$

$$3 + 3 = \boxed{6}$$

$$6 = \boxed{6}$$

$$4 \cdot 7 + 2 = \boxed{30}$$

$$28 + 2 = \boxed{30}$$

$$30 = \boxed{30}$$

$$4 + 7 \cdot 2 = \boxed{18}$$

$$4 + 14 = \boxed{18}$$

$$18 = \boxed{18}$$

$$4 \cdot (3 + 1) = \boxed{16}$$

$$4 \cdot (4) = \boxed{16}$$

$$16 = \boxed{16}$$

$$1 + 3^2 = \boxed{10}$$

$$1 + 9 = \boxed{10}$$

$$10 = \boxed{10}$$

$$16 \div 2 \cdot 4 = \boxed{32}$$

$$8 \cdot 4 = \boxed{32}$$

$$32 = \boxed{32}$$