

## 1.4 Order of Operations

$$(2x-5)\{3x + [2x(3x-4)(2x+5)^2] + 3\}$$

$$2 + (3-4) \div 2$$

## PEMDAS

P Grouping Symbols

( ), [ ], { }, —

$$\frac{4+3}{19-5} = \frac{7}{14} = \frac{1}{2}$$

## E Exponents

$$(2+3) + 2^2$$

$$5 + 2^2$$

$$5 + 4$$

⑨

M/D Multiply / Divide  
L → R

$$42 \div 6 \times 2 \quad 2 \times 6 \div 4$$

$$7 \times 2 \quad 12 \div 4$$

$$14 \quad 3$$

A/S Addition / Subtraction  
L → R

$$8 - 6 + 2$$

$$2 + 2$$

$$4$$

$$12 + 6 - 15$$

$$18 - 15$$

$$3$$

$$(2+3)^2 - 7 \times 3$$

$$5^2 - 7 \times 3$$

$$25 - 7 \times 3$$

$$25 - 21$$

$$4$$

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