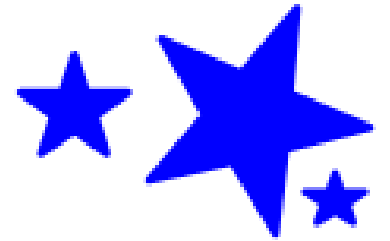


3 - 3

Order of Operations

Parentheses/brackets



Exponents

Multiply
Divide

$L \rightarrow R$

Add

Subtract

$L \rightarrow R$

Ex: $7 - \underline{3 \cdot 2} + 9$

$7 - 6 + 9$

$1 + 9$

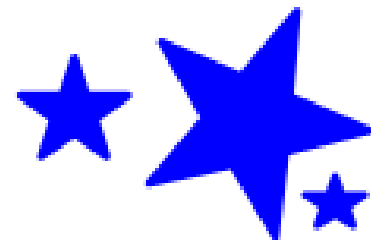
$\textcircled{10}$

Ex: $\underline{8 \div 4} + 2 \cdot 3$

$2 + \underline{2 \cdot 3}$

$2 + 6$

$\textcircled{8}$

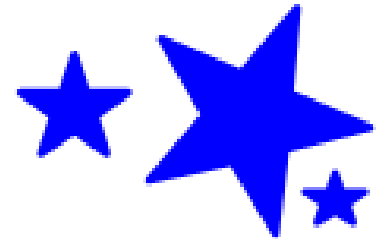


Ex: $6 - (4 + 8) \div 2$

$6 - 12 \div 2$

$6 - 6$

0



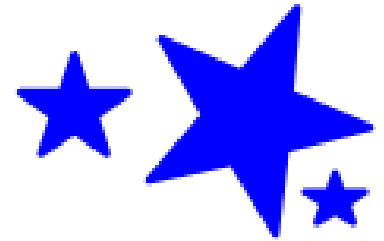
Ex: $(3 \cdot 4)^2 + 6$

$12^2 + 6$

$144 + 6$

150

Ex: $2 [5 + \underbrace{(30 \div 6)}^2]$



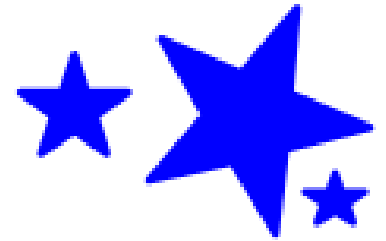
$$2 [5 + \underbrace{5^2}]$$

$$2 [\underbrace{5 + 25}]$$

$$2 [30]$$

$$\textcircled{60}$$

Ex: $\frac{6 + 4^2}{3^2 \cdot 4} = \frac{6 + 16}{9 \cdot 4} = \frac{22}{36} = \textcircled{\frac{11}{18}}$



Homework:

3-3 WS (odds)