Order of Operations

Wednesday, September 25, 2019   1:42 PM

ORDER OF OPERATIONS   Name:_____ Blk:_____

B (P)	Brackets /Parenthesis
E	Exponents
D	Division
M	Multiplication
A	Addition
S	subtraction

1. $4 + (-7) \times (-3) - 5$

$= 4 + 21 - 5$

$= 25 - 5$

$= \boxed{20}$

2. $(-16) \div [\overset{-1}{\underbrace{5 - 6}} + (-7)]$

$= (-16) \div (-8)$

$= \boxed{2}$

3. $(-2) \times [\underset{\downarrow}{5 + (-3)}] + (-15)$

$= (-2) \times \underset{\downarrow}{2} + (-15)$

$= -4 + (-15)$

$= \boxed{-19}$

4. $\dfrac{14-10\div 2}{-3}$

$= \dfrac{14-5}{-3}$

$= \dfrac{9}{-3}$

$= \boxed{-3}$

5. $\dfrac{-9-2(3+1)+2}{5+5[4\div(-2)]}$

$= \dfrac{-9-2(4)+2}{5+5[4\div(-2)]}$

$= \dfrac{-9-8+2}{5+5[4\div(-2)]}$

$= \dfrac{-15}{5+5(-2)}$

$= \dfrac{-15}{5-10} = \dfrac{-15}{-5} = \boxed{3}$

6. Create your own for another group to solve! Make sure you create a step by step answer key!