"Solving For x" 01: Order Of Operations Worksheet 1

MATH ALL

Name_____

PEMDAS:

P: parentheses ( )
E: exponents #
MD: x ÷
AS: + −

Evaluate:

$20-4\times3$

$20-12$

8

$\frac{5^2\times2}{7+3}$

$\frac{25\times2}{10}$

$\frac{50}{10}=5$

$(3+3)^2-5\times2$

$9^2-5\times2$

$81-5\times2$

$81-10$

71

$18\div3\times(8-4)$

$18\div3\times4$

6×4

24

$\frac{20+8}{10}\times5$

$\frac{28}{2\cancel{10}}\times\frac{\cancel{5}^1}{1}=$

$\frac{28}{2}=14$

$9\times7-4\div2$

$63-2$

61

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Evaluate:

$[70-(4^2+4)]\div 5$

$[70-(16+4)]\div 5$

$[70-20]\div 5$

$50\div 5=10$

$[7\times 3-(4+6)]-3^2$

$[7\times 3-10]-3^2$

$[21-10]-9$

$11-9=2$

$[55\div(15-4)]\times 2+1$

$[55\div 11]\times 2+1$

$5\times 2+1$

$10+1$

11

$3\times[(3+1)\times 2]\div 2-11$

$3\times[4\times 2]\div 2-11$

$3\times[8]\div 2-11$

$24\div 2-11$

$12-11$

1

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