

Order of Operations Worksheet Answer Key

PEMDAS - People Evaluating Mathematical Derivations Are Smart

1. $4 + 6 \times 9$
 $4 + 54$
58

2. $12 \div 4 + 3$
 $3 + 3$
6

3. $5 \times 6^2 + 4 - 9 \times 2 \times 4$
 $5 \times 36 + 4 - 72$
 $180 - 68$
112

4. $4 \times (8 - 6) + 3^3$
 $4 \times 2 + 27$
 $8 + 27$
35

5. $3 + 9 - 2$
 $3 + 7$
10

6. $72 \div 4 + 3 \times 9$
 $18 + 27(\text{next column})$

45

7. $\frac{4^2 - 6}{8 \times 9}$

$\frac{16 - 6}{72}$

$\frac{10}{72}$

$\frac{5}{36}$

8. $4(9 + 24) + 5(12 \div 4)$
 $4 \times 33 + 5 \times 3$
 $132 + 15$
147

9. $2(8) + 27 \div 3 + 9 \times 4$
 $16 + 9 + 36$
61

10. $(3 + 24) \times 2 \div 3$
 $27 \times 2 \div 3$
 $54 \div 3$
18

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