

Name \_\_\_\_\_

# PEMDAS

Simplify each expression by correctly applying the full PEMDAS order of operations.

1) $3 \times (2^3 + 4) \div 2$ _____ <b>18</b>	2) $(5 + 3) \times 2^2 - 7$ _____ <b>25</b>
3) $4 + (6 \div 2)^2 \times 3$ _____ <b>31</b>	4) $5 \times (2^2 - 1) + 6$ _____ <b>21</b>
5) $(3 + 2) \times 4^2 \div 8$ _____ <b>10</b>	6) $7 + 3 \times (4^2 \div 2)$ _____ <b>31</b>
7) $6 \times (2^3 - 4) \div 4 + 3$ _____ <b>9</b>	8) $(5 + 3^2) \div 2 \times 4$ _____ <b>28</b>
9) $10 \div 5 + (2^4 - 3^2)$ _____ <b>9</b>	10) $4 \times (6 \div 2 + 2) - 3$ _____ <b>17</b>
11) $7 + (4^2 - 5) \times 2$ _____ <b>29</b>	12) $(2^3 + 5) \times 3 - 10$ _____ <b>29</b>
13) $(4 \times 2^3) \div 2 + 5$ _____ <b>21</b>	14) $6 + (5^2 - 3^2) \div 4$ _____ <b>10</b>
15) $8 \times (2^3 + 4) \div 4 - 7$ _____ <b>17</b>	16) $(5 + 3^2) \div 2 \times 4 + 6$ _____ <b>34</b>
17) $10 - (2^4 + 3^2) \div 5 + 6$ _____ <b>11</b>	18) $6 \times (3^2 + 5) \div 4 - 2$ _____ <b>19</b>