

Name _____

PEMDAS

Simplify each expression by following the order of operations, including exponents, multiplication, and division.

1) $4 \times 2^3 \div 8$ _____ 4	2) $6 \times 3^2 \div 9$ _____ 6
3) $10 \times 2^3 \div 5$ _____ 16	4) $9 \times 4^2 \div 5$ _____ 24
5) $12 \times 2^3 \div 8$ _____ 12	6) $15 \times 3^2 \div 9$ _____ 15
7) $18 \times 2^2 \div 6$ _____ 12	8) $25 \times 3^3 \div 15$ _____ 45
9) $7 \times 2^4 \div 8$ _____ 8	10) $5 \times 3^2 \times 4 \div 6$ _____ 30
11) $16 \div 2 \times 2^3 \div 4$ _____ 16	12) $20 \times 4^2 \div 5 \times 3$ _____ 192
13) $2 \times 3^3 \div 9 \times 4$ _____ 24	14) $24 \times 2^3 \div 8 \times 3$ _____ 72
15) $12 \times 3^2 \div 6 \times 5$ _____ 90	16) $18 \times 2^4 \div 12 \times 5$ _____ 120
17) $3 \times 5^2 \div 15 \times 2$ _____ 10	18) $4 \times 2^3 \div 8 \times 6$ _____ 24