

PEMDAS • Advanced • Set 2

Full PEMDAS — Parentheses, Exponents, $\times \div$, $+-$

Name: _____

Date: _____

P Parentheses	E Exponents	MD Mult. & Div.	AS Add. & Sub.
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Order: Parentheses $\rightarrow$ Exponents $\rightarrow \times$ and $\div$ (left to right) $\rightarrow +$ and $-$ (left to right)

1. $12^2 + 23 = ?$

Answer: _____

2. $2^2 + 4^2 = ?$

Answer: _____

3. $4 \times 4^2 - 18 = ?$

Answer: _____

4. $6^2 + 35 = ?$

Answer: _____

5. $3^2 + 34 = ?$

Answer: _____

6. $2^3 - 1 = ?$

Answer: _____

7. $2^2 + 14 = ?$

Answer: _____

8. $3 \times (9 - 5)^2 = ?$

Answer: _____

9. $4 \times (6 - 4)^2 = ?$

Answer: _____

10. $10 + 4 \times 3^2 = ?$

Answer: _____

11. $5^2 + 23 = ?$

Answer: _____

12. $4^2 + 6^2 = ?$

Answer: _____

13. $5^2 + 5^2 = ?$

Answer: _____

14. $5^3 - 16 = ?$

Answer: _____

15. $1 + 4 \times 3^2 = ?$

Answer: _____

16. $19 + 4 \times 4^2 = ?$

Answer: _____

17. $5 \times (7 - 2)^2 = ?$

Answer: _____

18. $(6 + 1)^2 - 35 = ?$

Answer: _____

19. $(4 + 8)^2 - 23 = ?$

Answer: _____

20. $(7 + 2)^2 - 1 = ?$

Answer: _____