

PEMDAS • Advanced

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

Name: _____

Date: _____

P	E	MD	AS
Parentheses	Exponents	Mult. & Div.	Add. & Sub.

Order: Parentheses $\rightarrow$ Exponents $\rightarrow \times$ and $\div$ (left to right) $\rightarrow +$ and $-$ (left to right)

1. $3^2 + 4 = ?$

Answer: _____

2. $2^3 - 3 = ?$

Answer: _____

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

Answer: _____

4. $(5 - 2)^2 = ?$

Answer: _____

5. $6 \times 2^2 - 5 = ?$

Answer: _____

6. $3^2 + 4^2 = ?$

Answer: _____

7. $2 \times 3^2 - 5 = ?$

Answer: _____

8. $(2 + 3)^2 - 10 = ?$

Answer: _____

9. $100 - 6^2 = ?$

Answer: _____

10. $5^2 + 5 \times 2 = ?$

Answer: _____

11. $2^3 \times 3 - 4 = ?$

Answer: _____

12. $3 \times (2 + 3)^2 = ?$

Answer: _____

13. $(4 + 1)^2 + 2 \times 3 = ?$

Answer: _____

14. $50 - 3^2 \times 4 = ?$

Answer: _____

15. $(2 \times 3)^2 - 20 = ?$

Answer: _____

16. $5 + 2^3 \times 2 = ?$

Answer: _____

17. $40 - 4^2 + 6 = ?$

Answer: _____

18. $2 \times (5 - 2)^2 + 3 = ?$

Answer: _____

19. $3^2 \times (4 - 2)^2 = ?$

Answer: _____

20. $(10 - 2^2 \times 2) + 5 = ?$

Answer: _____