

PEMDAS • Advanced • Set 3

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

Answer: _____

2. $(13 - 2)^2 = ?$

Answer: _____

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

Answer: _____

4. $(11 - 2)^2 = ?$

Answer: _____

5. $(7 - 3)^2 = ?$

Answer: _____

6. $14 + 6 \times 2^2 = ?$

Answer: _____

7. $3^2 + 17 = ?$

Answer: _____

8. $2^3 - 2 = ?$

Answer: _____

9. $2 \times (5 - 4)^2 = ?$

Answer: _____

10. $7^2 + 4^2 = ?$

Answer: _____

11. $8^2 + 14 = ?$

Answer: _____

12. $3^3 - 8 = ?$

Answer: _____

13. $(4 + 2)^2 - 35 = ?$

Answer: _____

14. $7^2 + 28 = ?$

Answer: _____

15. $4^2 + 15 = ?$

Answer: _____

16. $8^2 + 8 = ?$

Answer: _____

17. $6 + 3 \times 4^2 = ?$

Answer: _____

18. $9 + 2 \times 3^2 = ?$

Answer: _____

19. $3 \times (6 - 4)^2 = ?$

Answer: _____

20. $8^2 + 10 = ?$

Answer: _____