

Name _____

5-Step Order of Operations: Spiral Review

Directions: Follow PEMDAS. Show **five steps** for every item.

A) Evaluate

1. $(9 + 4) \times (8 - 5) + 18 \div 3 - 7 = \underline{\hspace{2cm}}$
2. $36 \div (12 - 8) + (5 \times 7) - 9 = \underline{\hspace{2cm}}$
3. $(24 - 6) \div (9 - 6) + 8 \times 3 - 10 = \underline{\hspace{2cm}}$
4. $5 \times (14 - 9) + (28 \div 4) - 6 = \underline{\hspace{2cm}}$
5. $48 \div (7 - 3) + (6 + 5) \times 2 - 8 = \underline{\hspace{2cm}}$

B) Missing Factor - Fill the blank

6. $(\underline{\hspace{1cm}} + 4) \times (6 - 2) + 12 \div 3 - 5 = 27$
7. $40 \div (\underline{\hspace{1cm}} + 2) + (3 \times 4) - 7 = 13$
8. $(20 - \underline{\hspace{1cm}}) \div (8 - 4) + 6 \times 2 - 3 = 14$
9. $5 \times (2 + \underline{\hspace{1cm}}) + (18 \div 3) - 9 = 37$
10. $(15 - 6) \times (\underline{\hspace{1cm}} + 2) + 8 \div 2 - 4 = 45$

C) Multiple Choice - Circle one

- | | |
|---|-------------------------------|
| 11. $(11 - 5) \times (9 - 6) + 16 \div 4 - 3$ | A) 17 B) 18 C) 19 D) 20 |
| 12. $27 \div (15 - 12) + (8 \times 2) - 9$ | A) 14 B) 15 C) 16 D) 17 |
| 13. $(28 \div 7) + (5 + 9) \times 2 - 6$ | A) 24 B) 26 C) 28 D) 30 |
| 14. $6 \times (10 - 7) + (18 \div 3) - 8$ | A) 14 B) 16 C) 18 D) 20 |
| 15. $(32 \div 8) + (7 - 4) \times 5 - 2$ | A) 17 B) 18 C) 19 D) 21 |

