

Name: _____

Date: _____

Algebra I

Directions: Complete the following questions making sure to follow PEMDAS.

1. $2 + 5 \cdot 4$

2. $9 \cdot 5 - 3$

3. $36 \div 2 + 4$

4. $5 + 4 - 7 + 2 \cdot 15$

5. $16 - 4 \cdot 2$

6. $40 \div 4 + 3 \cdot 2 - 2$

7. $(5 + 6)^2$

8. $12 - [2(9 - 7)]$

9. $15^2 - 12^2$

10. $(11 + 9)^2$

11. $[12 + 3(5 + 6)] \div 5$

12. $\frac{16-4+3}{5 \cdot 2}$

13. $\{9^2 - 3(2 + 12) + 3 \cdot 6\} - 4^2$

14. $(10 - 8)^2 + (7 \cdot 2)^2$

15. $45 \div 9 \cdot 5$

16. $23 - [4(5 + 6)^2 - 2 \cdot 30]$

17. $\frac{7 \cdot (6+14)}{2}$

18. $10 \cdot [4 + (7 - 3) \cdot 5]$

19. $7 \cdot [5 \cdot 4 - 2(4 + 3)] + 12 \div 4$

20. $\frac{3 \cdot 5 - 4 \cdot 3 + 13}{\left(\frac{1}{2} \cdot 4\right)^3}$