

Name : _____

Score : _____

Teacher : _____

Date : _____

Order of Operations

1) $(6 \times 8 - 7^2) + 7$

6) $7 \times (11 + 4) + 9^2$

2) $(32 - 2^2) \div (-3 + 5)$

7) $(42 - 2) \div 2 - 4^2$

3) $(13 - 3)^2 + (18 \div 2)$

8) $(3 \times 10 + 5^2) + 2$

4) $20 \div 2 - 1 + 10$

9) $12 \div 2 \times 7 - 2$

5) $10 \div 2 + 3 - 2$

10) $7 - 6 + 18 \times 19$



Evaluating Algebraic Expressions

Name _____

Evaluate. Show all work.

1. $|9 + (-12)|$

2. $|-35 + 41|$

3. $|-14 - 20|$

4. $|36 - (-7)|$

5. $3|-15|$

6. $|-17 + 3 + 4| - 12$

7. $-4|-17 + 10|$

8. $6|9 - 14|$

9. $-5|18 - (-2)| + 80$

Evaluate when $a = 2$, $b = -3$, $c = 5$. Show all work.

10. $4a^3$

11. $3b^2$

12. $-6c^2$

13. $c^3 + 12$

14. $2b^2 + c$

15. $-3a^2 - c$

16. $2c^2 - b$

17. $7a^4 + b - c$

18. $-8c^2 + ab$

19. $5a^2 + 2c + b$

20. $b^3 - 7a + c$