

Evaluate using order of operations and remembering integer rules

Name: _____

For problems 5 - 6, $w = -4$, $x = 2$, $y = 3$ and $z = 7$.

1. $2 - 3 * 4 - 20 \div 2$

2. $9 - 3(5 + 3 * 2)$

3. -3^3

4. $(-7)^2$

5. $y^2 - wz$

6. $xz + 4w$

7. $10 * 2 - 15 \div 5$

8. $5 + 2(7 + 5 \cdot 2) - 8$

9. $(-3)^2$

10. -4^2

For problems 11 -14, $a = 3, b = -2, c = 5$ and $d = 8$.

11. $ab - cd$

12. $a^2 + c^2 - b$

13. $a^2 + c^2 - d^2$

14. $(a + d)^2 + b^2$

15. $40 \div 5 - 2 * 3$

16. $4 + 3(4 + 10 \div 2) - 5$

17. -3^3

18. $(-2)^4$

For problems 19 -20, $a = 2, b = 3, c = 5$ and $d = -3$.

19. $ac - dc$

20. $a^3 + c - ab$