

Name: _____

1. $3(4-1)-5(6+3)$

2. $4^2 - \sqrt{23+2}$

3. $(5 \cdot 4 - 9)(5+1) - 2 \cdot 9$

4. $\frac{12-3 \cdot 5}{6-2}$

5. $21 \div 7 - (-2)^2$

6. $5 - |4-12|$

7. $\frac{-3(8-4)^2}{3} - 12$

8. $10 - 4(3^2 + 2)$

9. $4^2 - \sqrt{9}(-5) \div (6 \div 2)$

10. $27 \div 9 \cdot 2 - (-3)$

11. $\frac{8 - 2\sqrt{9} + 5\sqrt{16}}{-2}$

12. $\frac{(1-2)^3 + (2)^3}{12 \div 3 \cdot 2 - 3}$

13. $|5-8| - |-5|$

14. $|4^2 - 2^2| + |16 \div (-2)|$

Use the Order of Operations to evaluate each expression when $x = -1$, $y = 4$, and $z = -2$.

15. $-4x^2 - 7y + 4z$

16. $\frac{3x + 2y}{-z}$

17. $|x^2 + 5| - y|3z|$

18. $\{x^3 + 3z - (2x + 1)\} + (2y - 5)$

19. $(x + y)^2 - 8 \div x + z \div 2$

20. $\sqrt{4y} - \sqrt[3]{z^3} + x\sqrt{36}$