

Name 8/23/16

Evaluate each of the following problems by applying the appropriate rule for operations with signed numbers and the order of operations.

1. $6 - (-2) + 8$

11. $\frac{5(-2) + 5}{5^2}$

2. $7(-3) + 5$

12. $6 + 2 \cdot 3 + 1$

3. $(-\frac{3}{4})(8)(-\frac{1}{2})$

13. $7(-2 - 8) - |-3|$

4. $-|-6| + (-6)$

14. $-2(8) + (5^2)(-3)$

5. $14 - 20 - (-5) + 1$

15. $3.8^2 - (5 - 2.6)$

6. $7 - (4 + 8) - (-2)$

16. $\frac{-2[3 - (-2 + 9)]}{-2^3}$

7. $-\frac{7}{8} \div \frac{2}{3}$

17. $6(3^2 - 15) - 5^4$

8. $6 - |-2| - (-2)$

18. $-3^2 + 2(18 - 23)^2$

9. $5 - 3^3$

19. $-10 - (-2)(-6 - 13)$

10. $-(2 - 8)^2$

20. $3.5 + (-2.5)^3$