

#1-21, Simplify each and circle your final answer.

1. $10 \div 5 + 3 \cdot 2$

2. $\frac{3(11-5)^2}{4}$

3. $8[(4-2)^2]$

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

5. $3[2 + 4(5 - 2)]$

6. $10+12\div 3\div 2$

7. $5^2 - 5(2)$

8. $36 - 3 \cdot 4$

9. $3 + 7(5 - 8)$

10. $\frac{7 \times 6 - 2}{(6 - 4)^2}$

11. $(4 + 5)^2$

12. $42 \div 6 - 3 \times 2$

13. $\frac{6 + 2^3}{17 - 5 \cdot 2}$

14. $2(8) \times 0 \div 5 \cdot 2$

15. $8(3+2)-5 \cdot 2$

16. $9 \times 7 \div 9 \times 7 \div 7$

17. $(-3 - 1)^2 - 20$

18. $\frac{-3(15-7)}{2}$

19. $(8+5) \times \frac{35}{5} + 6$

20. $10 - 70 - 5^{(2+1)} + 4(20)$

21. $-18 + 3(5-7) \div \frac{9 \div 3}{15-13}$

#22-24, Evaluate each expression for the given values. Let $x = 2$, $y = 3$ and $z = 5$

22. $2(4x - z) + x$

23. $y^x + z$

24. $36 - y \cdot z$