

Homework Practice

Algebra: Variables and Expressions

Evaluate each expression if $m = 6$ and $n = 12$.

1. $m + 5$

2. $n - 7$

3. $m \cdot 4$

4. $m + n$

5. $n - m$

6. $12 \div n$

7. $9 \cdot n$

8. $n \div m$

9. $2m + 5$

10. $4m - 17$

11. $36 - 6m$

12. $3n + 8$

Evaluate each expression if $a = 9$, $b = 3$, and $c = 12$.

13. $a^2 \div 3$

14. $15b + a^2$

15. $b^2 + 4 \cdot 6$

16. $a^2 - 2b^2$

17. $a^2 + 30 - 18$

18. $b^2 + 5a - 20$

19. $b^3 + c$

20. $19 + 6a \div 2$

21. $4b^2 \cdot 3$

22. $3c \div (2b^2)$

23. $c^2 - (3a)$

24. $ac \div (2b)$