

1-1**Skills Practice*****Variables and Expressions***

Write an algebraic expression for each verbal expression.

1. the sum of a number and 10

2. 15 less than k

3. the product of 18 and q

4. 6 more than twice m

5. 8 increased by three times a number

6. the difference of 17 and 5 times a number

7. the product of 2 and the second power of y

8. 9 less than g to the fourth power

Evaluate each expression.

9. 8^2

10. 3^4

11. 5^3

12. 3^3

13. 10^2

14. 2^4

15. 7^2

16. 4^4

17. 7^3

18. 11^3

Write a verbal expression for each algebraic expression.

19. $9a$

20. 5^2

21. $c + 2d$

22. $4 - 5h$

23. $2b^2$

24. $7x^3 - 1$

25. $p^4 + 6q$

26. $3n^2 - x$