Variables and Expressions Assignment

Write an algebraic expression for each verbal expression.

1. One-fourth the cube of \( x \)
2. The ratio between \( m \) and \( v \)
3. The product of \( w \) and \( h \)
4. Six more than two times a number
5. Three times the quantity eight plus \( x \)
6. Nine divided by \( x \)
7. \( n \) plus five squared
8. Four divide by a number

Find each value.

9. \( 15^3 \)
10. \( 3^5 \)
11. \( 10^4 \)
12. \( 7^2 \)

Write a verbal expression for each algebraic expression.

13. \( 27 - 2x \)
14. \( 3x^2 + 4 \)
15. \( 15y \)
16. \( 3x^2 - 2x \)
17. \( 5^4 \)
18. \( 6x - 2 \)
19. \( 2x + 16 \)
20. \( 4 \div n \)