Evaluate each using the values given.

1) $j^3 - j(h - j)$; use $h = -3$, and $j = 2$

2) $p + \left(\frac{q}{4}\right)^2 + q$; use $p = 4$, and $q = -4$

3) $(y - x)^3 + x + y$; use $x = 2$, and $y = 4$

4) $6(x + x) - (y - 4)$; use $x = -1$, and $y = -9$

5) $3 + x + y + 5y$; use $x = -6$, and $y = 3$

6) $h^3 - (j + 10k)$; use $h = 2$, $j = 5$, and $k = -6$

7) $j + 2 - j + h^2$; use $h = -4$, and $j = 4$

8) $y + \left(\frac{x}{6}\right)^3 + 2$; use $x = -6$, and $y = 9$

Simplify each expression.

9) $-6p - 5p$

10) $5m - 4 + 1 - 2m$

11) $r + 1 - 8r$

12) $-4n + 3n$

13) $3k - 10 - 4 + 6k$

14) $-10m - 7m$

15) $1 + 7x + 2$

16) $5r - 5 + 1 + 4r$

Write each as an algebraic expression.

17) a number cubed is equal to 26

18) v to the 9th is less than or equal to 23

19) the n power of 9 is equal to 47

20) 9 more than x is equal to 20

21) the quotient of n and 4 is 29

22) the sum of c and 12 is greater than or equal to 40

23) the quotient of u and 5 is 39

24) a number squared is equal to 18