

Variable and Verbal Expressions

Write each as an algebraic expression.

- 1) the difference of 10 and 5
- 2) the quotient of 14 and 7
- 3) u decreased by 17
- 4) half of 14
- 5) x increased by 6
- 6) the product of x and 7
- 7) the sum of q and 8
- 8) 6 squared
- 9) twice q
- 10) the product of 8 and 12
- 11) the quotient of 18 and n
- 12) n cubed

Write each as a verbal expression.

- 13) $\frac{x}{2}$
- 14) $a + 9$
- 15) $19 - 3$
- 16) $5n$

17) q^2

18) $\frac{40}{5}$

19) $\frac{a}{8}$

20) $x + 8$

21) $n - 14$

22) 2^2

23) $\frac{60}{5}$

24) $n \cdot 6$

Evaluate each expression.

25) 5 squared

26) the product of 8 and 10

27) 20 decreased by 17

28) the quotient of 96 and 8

29) twice 6

30) 10 less than 17

31) 9 times 5

32) 10 increased by 8

33) 7 squared

34) the product of 4 and 5