

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

$$5 \cdot 5 \quad 5^2 = 25$$

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