

## 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

## Variable and Verbal Expressions

**Write each as an algebraic expression.**

1) the difference of 10 and 5

$$10 - 5$$

2) the quotient of 14 and 7

$$\frac{14}{7}$$

3) u decreased by 17

$$u - 17$$

4) half of 14

$$\frac{14}{2}$$

5) x increased by 6

$$x + 6$$

6) the product of x and 7

$$x \cdot 7$$

7) the sum of q and 8

$$q + 8$$

8) 6 squared

$$6^2$$

9) twice q

$$2q$$

10) the product of 8 and 12

$$8 \cdot 12$$

11) the quotient of 18 and n

$$\frac{18}{n}$$

12) n cubed

$$n^3$$

**Write each as a verbal expression.**

13)  $\frac{x}{2}$

half of x

14)  $a + 9$

a increased by 9

15)  $19 - 3$

the difference of 19 and 3

16)  $5n$

5 times a number

17)  $q^2$

q squared

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

40 divided by 5

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

a divided by 8

20)  $x + 8$

x plus 8

21)  $n - 14$

a number minus 14

22)  $2^2$

2 squared

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

the quotient of 60 and 5

24)  $n \cdot 6$

a number times 6

**Evaluate each expression.**

25) 5 squared

25

26) the product of 8 and 10

80

27) 20 decreased by 17

3

28) the quotient of 96 and 8

12

29) twice 6

12

30) 10 less than 17

7

31) 9 times 5

45

32) 10 increased by 8

18

33) 7 squared

49

34) the product of 4 and 5

20