 Name_____

Variable and Verbal Expressions

Date_____ Period____

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

 Name_____

Variable and Verbal Expressions

Date_____ Period____

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