## Algebraic expression with words - equations - exponenting

## Write each as a verbal expression.

1) 
$$15^y = 5$$

2) 
$$14^w = 16$$

3) 
$$n^8 = 37$$

4) 
$$d^3 = 50$$

5) 
$$n^2 = 20$$

6) 
$$8^n = 19$$

7) 
$$12^n = 46$$

8) 
$$9^n = 28$$

9) 
$$5^w = 33$$

10) 
$$3^{v} = 49$$

11) 
$$3^{\nu} = 6$$

12) 
$$11^z = 32$$

13) 
$$7^q = 26$$

14) 
$$10^n = 16$$

15) 
$$8^n = 14$$

16) 
$$u^2 = 23$$

17) 
$$c^5 = 25$$

18) 
$$v^9 = 49$$

19) 
$$r^3 = 10$$

20) 
$$n^6 = 18$$

21) 
$$4^n = 19$$

22) 
$$9^n = 9$$

23) 
$$r^3 = 43$$

24) 
$$x^4 = 19$$

25) 
$$a^8 = 25$$

26) 
$$14^y = 37$$

27) 
$$n^7 = 24$$

28) 
$$2^d = 20$$

29) 
$$15^n = 42$$

30) 
$$6^n = 5$$

## Algebraic expression with words - equations - exponenting

## Write each as a verbal expression.

1) 
$$15^y = 5$$
  
15 to the y is 5

3) 
$$n^8 = 37$$
  
the 8th power of n is equal to 37

5) 
$$n^2 = 20$$
  
a number squared is equal to 20

7) 
$$12^n = 46$$
  
the n power of 12 is 46

9) 
$$5^{w} = 33$$
  
the w power of 5 is 33

11) 
$$3^v = 6$$
  
3 to the v is equal to 6

13) 
$$7^q = 26$$
  
7 to the q is 26

15) 
$$8^n = 14$$
 the n power of 8 is 14

17) 
$$c^5 = 25$$
  
c to the 5th is 25

19) 
$$r^3 = 10$$
  
r to the 3rd is 10

21) 
$$4^n = 19$$
  
the n power of 4 is 19

23) 
$$r^3 = 43$$
  
the 3rd power of r is 43

25) 
$$a^8 = 25$$
  
a to the 8th is equal to 25

27) 
$$n^7 = 24$$
  
n to the 7th is equal to 24

29) 
$$15^n = 42$$
  
the n power of 15 is equal to 42

2) 
$$14^{w} = 16$$
  
the w power of 14 is 16

4) 
$$d^3 = 50$$
 d cubed is 50

6) 
$$8^n = 19$$
  
8 to the n is 19

8) 
$$9^n = 28$$
  
9 to the n is equal to 28

10) 
$$3^{v} = 49$$
  
the v power of 3 is 49

12) 
$$11^z = 32$$
  
the z power of 11 is equal to 32

14) 
$$10^n = 16$$
  
the n power of 10 is equal to 16

16) 
$$u^2 = 23$$
  
u to the 2nd is equal to 23

18) 
$$v^9 = 49$$
  
the 9th power of v is equal to 49

20) 
$$n^6 = 18$$
  
the 6th power of n is 18

22) 
$$9^n = 9$$
  
the n power of 9 is 9

24) 
$$x^4 = 19$$
  
x to the 4th is equal to 19

26) 
$$14^y = 37$$
  
14 to the y is 37

28) 
$$2^d = 20$$
 the d power of 2 is 20

30) 
$$6^n = 5$$
 the n power of 6 is equal to 5