



Verbal expression algebraically-inequality-

Write each as an algebraic expression.

- 1) a number cubed is greater than 31
- 2) 2 to the x is less than or equal to 18
- 3) v squared is greater than or equal to 26
- 4) n to the 6th is greater than or equal to 11
- 5) the 9th power of y is greater than or equal to 6
- 6) a number cubed is greater than or equal to 8
- 7) w squared is less than 37
- 8) x to the 5th is greater than or equal to 19
- 9) the z power of 10 is greater than or equal to 16
- 10) z cubed is less than or equal to 44
- 11) n to the 5th is less than or equal to 11
- 12) 5 to the x is less than 5
- 13) the a power of 8 is greater than 45
- 14) a number squared is greater than 19
- 15) the k power of 9 is greater than or equal to 32
- 16) n squared is less than or equal to 43
- 17) 6 to the t is greater than or equal to 22
- 18) the 9th power of a is less than or equal to 12
- 19) the x power of 14 is less than or equal to 37
- 20) 13 to the d is greater than or equal to 12
- 21) the 5th power of v is less than 17
- 22) v to the 8th is less than or equal to 6
- 23) the 7th power of a is less than 13
- 24) a number cubed is less than 44
- 25) the 10th power of n is less than or equal to 27
- 26) t to the 10th is greater than 12
- 27) x to the 8th is greater than 5
- 28) 4 to the n is less than 5
- 29) the x power of 2 is less than or equal to 50
- 30) the 2nd power of n is less than 36

Verbal expression algebraically-inequality-

Write each as an algebraic expression.

1) a number cubed is greater than 31

$$n^3 > 31$$

3) v squared is greater than or equal to 26

$$v^2 \geq 26$$

5) the 9th power of y is greater than or equal to 6

$$y^9 \geq 6$$

7) w squared is less than 37

$$w^2 < 37$$

9) the z power of 10 is greater than or equal to 16

$$10^z \geq 16$$

11) n to the 5th is less than or equal to 11

$$n^5 \leq 11$$

13) the a power of 8 is greater than 45

$$8^a > 45$$

15) the k power of 9 is greater than or equal to 32

$$9^k \geq 32$$

17) 6 to the t is greater than or equal to 22

$$6^t \geq 22$$

19) the x power of 14 is less than or equal to 37

$$14^x \leq 37$$

21) the 5th power of v is less than 17

$$v^5 < 17$$

23) the 7th power of a is less than 13

$$a^7 < 13$$

25) the 10th power of n is less than or equal to 27

$$n^{10} \leq 27$$

27) x to the 8th is greater than 5

$$x^8 > 5$$

29) the x power of 2 is less than or equal to 50

$$2^x \leq 50$$

2) 2 to the x is less than or equal to 18

$$2^x \leq 18$$

4) n to the 6th is greater than or equal to 11

$$n^6 \geq 11$$

6) a number cubed is greater than or equal to 8

$$n^3 \geq 8$$

8) x to the 5th is greater than or equal to 19

$$x^5 \geq 19$$

10) z cubed is less than or equal to 44

$$z^3 \leq 44$$

12) 5 to the x is less than 5

$$5^x < 5$$

14) a number squared is greater than 19

$$n^2 > 19$$

16) n squared is less than or equal to 43

$$n^2 \leq 43$$

18) the 9th power of a is less than or equal to 12

$$a^9 \leq 12$$

20) 13 to the d is greater than or equal to 12

$$13^d \geq 12$$

22) v to the 8th is less than or equal to 6

$$v^8 \leq 6$$

24) a number cubed is less than 44

$$n^3 < 44$$

26) t to the 10th is greater than 12

$$t^{10} > 12$$

28) 4 to the n is less than 5

$$4^n < 5$$

30) the 2nd power of n is less than 36

$$n^2 < 36$$