

Wolfram Alpha is a computational search engine. It generates information about topics for you to choose from.

Go to: <http://www.wolframalpha.com/>

Enter a search term into the search box:

Something like: $2x + 32 = 36$



[Wolfram|Alpha Computational Knowledge Engine](#)

Enter what you want to calculate or know about:

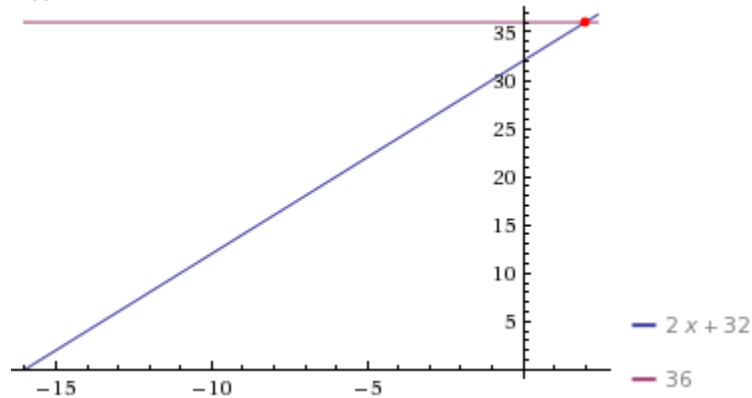
[Examples](#) [Random](#)

The Results will show:

Input:

$2x + 32 = 36$

Plot:



Alternate forms:

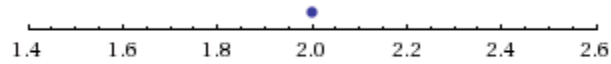
$2(x + 16) = 36$

$2x - 4 = 0$

Solution:

$$x = 2$$

Number line:



If you put in a place like: Gainesville GA

Input interpretation:

Gainesville, Georgia

Populations:

city population	33 804 people (country rank: $\approx 1255^{\text{th}}$) (2010 estimate)
urban area population	88 680 people (Gainesville (GA) urban area) (country rank: 291^{st}) (2000 estimate)
metro area population	187 743 people (Gainesville (GA) metro area) (country rank: 222^{nd}) (2009 estimate)

• [Show history](#)

Location:

• [World map](#)
• [Show coordinates](#)



[Satellite image »](#)

Local map:

- [3 miles across](#)
- [5 miles across](#)
- [10 miles across](#)
- [20 miles across](#)
- [40 miles across](#)
- [80 miles across](#)
- [160 miles across](#)
- [320 miles across](#)
- [640 miles across](#)
- [1300 miles across](#)
- [2500 miles across](#)
- [4500 miles across](#)
- [8500 miles across](#)

- [5 miles across](#)



(based on current OpenStreetMap data)

- [Metric](#)
- [Larger display](#)

[Satellite image »](#)

Current local time:

3:11 pm EST | Wednesday, November 30, 2011

Current weather:

48 °F (wind chill: 43 °F) | relative humidity: **53%** | wind: **12 mph** |
clear

- [Show history](#)
- [Show metric](#)

Economic properties:

unemployment rate	9.5% (September 2011)
total sales tax rate	7%

Other indicators:

total rate of violent crime	0.79 × national average (2009 estimate)
total rate of property crime	1.5 × national average (2009 estimate)

County:

Hall County, Georgia

Nearby cities:

Johns Creek, Georgia	28 miles southwest	76 728 people
Athens, Georgia	35 miles southeast	116 714 people
Atlanta, Georgia	50 miles southwest	420 003 people

- [Show metric](#)
 - [More](#)

(straight-line distances between city centers)

Nearby airport:

- [Show metric](#)
 - [More](#)

Lee Gilmer Memorial Airport	1 mile south
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(straight-line distances between city center and airport)

Nearby hospital:

- [Show metric](#)
 - [More](#)

North Texas Medical Center (Gainesville)	0.9 miles southwest
------------------------------------------	---------------------

(straight-line distances between city center and hospital)

Geographic properties:

- [Show metric](#)

elevation	1250 ft
area	31.93 mi ²
population density	1059 people/mi ²

[Units »](#)

Nearby features:

- [Show metric](#)
 - [More](#)

waterfall	Cochrans Falls (600 feet)	30 miles northwest
waterfall	Amicalola Falls (728 feet)	30 miles northwest
mountain	Standing Indian Mountain (5499 feet)	54 miles north-northeast
nuclear power site	Oconee	63 miles east-northeast
dam	Fontana Dam (479 feet)	80 miles north

(straight-line distances between city center and feature coordinates)

Nearest sea:

- [Show map](#)
- [Show metric](#)
- [More](#)

Atlantic Ocean (212 miles southeast)

(straight-line distance between city center and shore)

Nickname:

Poultry Capital of the World

Notable people born in Gainesville:

- [Show dates](#)
- [Show deaths](#)

Chan Gailey (football player) (1952)

Casey Cagle (politician) (1966)

Sung Kang (actor) (1972)

William Boyd Sloan (judge) (1895)

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