

Is **x** across?

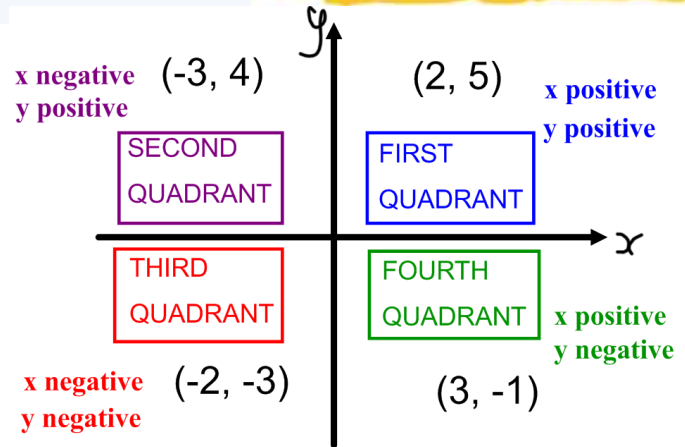
number to left of y-axis

number below the x-axis

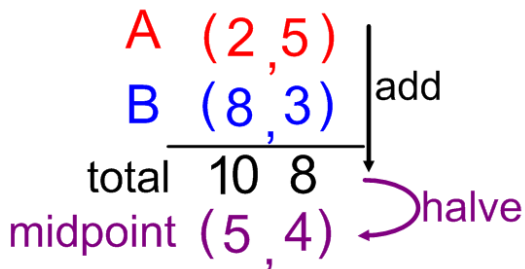
label lines not squares

leave equal sized gaps

label axes with x and y, use arrows

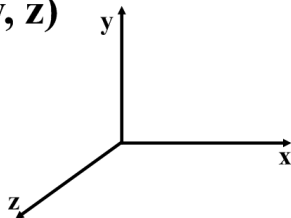


Midpoint:

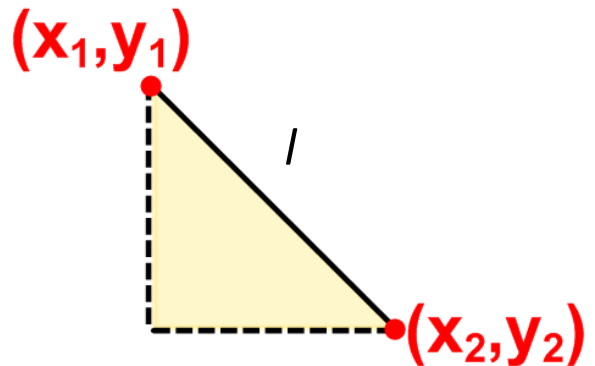


Coordinates in 3 dimensions

Follow the x-axis, then the y-axis, then the z-axis (x, y, z)



Magnitude (Length)



$$l = \sqrt{(x_1 - x_2)^2 + (y_1 - y_2)^2}$$

Key Vocabulary: Axis, Axes, Coordinate, Grid, Dimension, Horizontal, Vertical, Line segment, Midpoint, Magnitude

Key Websites:

- www.mymaths.co.uk login is torpoint, see teacher for password
- www.mrbartonmaths.com
- www.corbettmaths.com
- www.justmaths.co.uk
- www.missbsresources.com
- www.onmaths.com
- www.mathsgenie.co.uk
- www.nrich.maths.org