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understood that $m \perp z$ if $cz \perp d$ $0 \perp m \perp 1$ a c if $c \perp 6 \perp 0$ and $m \perp 1 \perp 1$ if $c \perp 0$ these conventions are consistent with the following formulas from math 221 $az \perp b$ $az \perp b$ a $\lim \lim z \perp 1$ $cz \perp d$ $z \perp 1$ $cz \perp d$ c if $c \perp 6 \perp 0$ and for $z \perp 0$ $d \perp c$ $az \perp b$ $az \perp b$ $\lim 1$ $\lim 1$ math article coordinate geometry formulas the list of all coordinate geometry formulas for classes 9 10 and 11 is provided here to help the students to recall coordinate geometry is the study of geometry using the coordinate points in coordinate geometry the position of a point can be easily defined using coordinates maths what is coordinate geometry coordinate geometry is the study of geometric figures like lines and shapes using coordinates given two points at gcse you are expected to know how to find midpoint of a line gradient of a line length of a line midpoint of a line how do i find the midpoint of a line in two dimensions 2d coordinate geometry achevas o level ip additional math tuition 3 006 views 68 learn about achevas additional math tuition a math tuition

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in summary when c touches y axis $x = 0$ hence sub $x = 0$ into equation $(x - 3)^2 + (y - 4)^2 = 9$ $(0 - 3)^2 + (y - 4)^2 = 9$ $9 + (y - 4)^2 = 9$ $(y - 4)^2 = 0$ $y - 4 = 0$ $y = 4$ h equation of a circle 2 we know that the length of a line is $\sqrt{x_2^2 + x_1^2 + y_2^2 + y_1^2}$ we now have a circle with a radius c of length r where

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m z y cz d where it is understood that m z 1 if cz d 0 m 1 a c if c 6 0 and m 1 1 if c 0 these conventions are consistent with the following formulas from math 221 $az = b$ $az = b \lim \lim z = 1$ $cz = d$ $z = 1$ $cz = d$ c if c 6 0 and for $z = 0$ $d = c$ $az = b$ $\lim 1$ $\lim 1$

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