Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Math9

Math Terms I need to know!!!

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| --- | --- | --- |
| terms | meaning | picture |
| Domain | x-values, left to right | [http://t2.gstatic.com/images?q=tbn:ANd9GcQHY9wp7o5cKcUR0dO0a27wN-O556zgE301QRfPwWWBmTnVGRuVmg:www.chilimath.com/algebra/intermediate/domran/images/443x265xex1_graph.gif.pagespeed.ic.PRX19EBG3J.png](http://www.google.com/url?sa=i&source=images&cd=&cad=rja&uact=8&docid=RcTxjpvzo1GN6M&tbnid=P42mV2MDHTTm7M:&ved=0CAgQjRw&url=http://www.chilimath.com/algebra/intermediate/domran/domain-and-range.html&ei=_oIhVPK_HoqQsQSLlICQBA&psig=AFQjCNHHvZrYAxm_CpbI7H2YbwESqJaAQA&ust=1411568766598730) |
| Range | y-values, bottom to top | [http://t0.gstatic.com/images?q=tbn:ANd9GcQnR_dE-icOosa0SCnmkRUDOULqgNH5DxW0LAkTqMU_lcCNhSiQ:www.chilimath.com/algebra/intermediate/domran/images/312x271xex2_graph.gif.pagespeed.ic.W-dPFc_b6s.png](http://www.google.com/imgres?imgurl=http://www.chilimath.com/algebra/intermediate/domran/images/312x271xex2_graph.gif.pagespeed.ic.W-dPFc_b6s.png&imgrefurl=http://www.chilimath.com/algebra/intermediate/domran/domain-and-range.html&h=271&w=312&tbnid=m0zUnh1B8K2jPM:&zoom=1&q=range%20y%20values&docid=RcTxjpvzo1GN6M&ei=1YMhVLiSMOKIsQTrmYGACw&tbm=isch&ved=0CCAQMygCMAI&iact=rc&uact=3&dur=2826&page=1&start=0&ndsp=12) |
| Open circle | Goes with -parenthesis ()  Less then <  Greater then > | [http://t1.gstatic.com/images?q=tbn:ANd9GcTwoyk8WzQSiq3WusN9Dojv_UERV2R6Rg2Tl05LMPjFxlF9sa9q7Q:https://gcps.desire2learn.com/d2l/lor/viewer/viewFile.d2lfile/6605/5930/wo_2.png](http://www.google.com/imgres?imgurl=https://gcps.desire2learn.com/d2l/lor/viewer/viewFile.d2lfile/6605/5930/wo_2.png&imgrefurl=https://gcps.desire2learn.com/d2l/lor/viewer/viewFile.d2lfile/6605/5930/Introduction_to_Inequalities_print.html&h=200&w=301&tbnid=7oYRSs6urHWcFM:&zoom=1&q=open%20circle%20line&docid=UMxn_809Rou9hM&ei=8YQhVIaRI-OHsQSD04G4Bg&tbm=isch&ved=0CCEQMygCMAI&iact=rc&uact=3&dur=395&page=1&start=0&ndsp=12) |
| Closed circle | Goes with-  brackets [ ]  less then or equal to  greater then or equal to | [http://t3.gstatic.com/images?q=tbn:ANd9GcQkHpcwM83Ujh63gKXIWB0f-NEhJA6JKyXVzHnw09XuAK4WQS51:https://dr282zn36sxxg.cloudfront.net/datastreams/f-d%253A079fbd606b3efbc178e97db2209b7fab8b024864e614eb992b208c59%252BIMAGE%252BIMAGE.1](http://www.google.com/imgres?imgurl=https://dr282zn36sxxg.cloudfront.net/datastreams/f-d%253A079fbd606b3efbc178e97db2209b7fab8b024864e614eb992b208c59%252BIMAGE%252BIMAGE.1&imgrefurl=http://www.ck12.org/user:YmdyZWVyQG1pdGFjYWRlbXkub3Jn/book/CK-12-7th-Pre-Algebra/section/7.6/&h=190&w=1213&tbnid=i6k_RNGrJChAbM:&zoom=1&q=closed%20circle%20line&docid=4ut79gnMr1o-iM&ei=bYYhVLu5BenbsASTrICYBg&tbm=isch&ved=0CCAQMygEMAQ&iact=rc&uact=3&dur=525&page=1&start=0&ndsp=11) |
| Y > 0 | Means for what X values is y positive | [http://t0.gstatic.com/images?q=tbn:ANd9GcQCVgc0NJ-QLSc8EKcB1cfqGf_W-veDMTuP-u1PkaBULGyNITVa:www.skwirk.com/content/upload/images/Secondary/NSW/Year_10/Maths/coord_geo/tp2/ch2/tp2ch2_image1.jpg](http://www.google.com/imgres?imgurl=http://www.skwirk.com/content/upload/images/Secondary/NSW/Year_10/Maths/coord_geo/tp2/ch2/tp2ch2_image1.jpg&imgrefurl=http://www.skwirk.com/p-c_s-12_u-83_t-151_c-476/solving-for-x-and-y-intercepts/nsw/solving-for-x-and-y-intercepts/coordinate-geometry/linear-equations&h=220&w=300&tbnid=fDJ0WrXpq3gX-M:&zoom=1&q=Y%20%3e%200&docid=RXZg1DwEhWWdwM&ei=WIchVOX8ArHgsAS87YDQCQ&tbm=isch&ved=0CB0QMygBMAE&iact=rc&uact=3&dur=501&page=1&start=0&ndsp=12) |
| Y < 0 | Means for what x values is y negative | [http://t3.gstatic.com/images?q=tbn:ANd9GcSex5i4VckVXgrvgFswiJPTvjTrt2bXvukumErBQ6AprwTJa83V:www.wtamu.edu/academic/anns/mps/math/mathlab/int_algebra/int_alg_tut15ex7a.gif](http://www.google.com/imgres?imgurl=http://www.wtamu.edu/academic/anns/mps/math/mathlab/int_algebra/int_alg_tut15ex7a.gif&imgrefurl=http://www.wtamu.edu/academic/anns/mps/math/mathlab/int_algebra/int_alg_tut15_slope.htm&h=237&w=403&tbnid=g9KLvAJIF0McZM:&zoom=1&q=y%200%20graph%20negative&docid=-zVYdCfj9XZw1M&ei=tIchVKuHAqrlsASNzIKYCg&tbm=isch&ved=0CB0QMygBMAE&iact=rc&uact=3&dur=1090&page=1&start=0&ndsp=12) |
| Increasing/decreasing | Read from left to right  Use brackets [ ]Or parenthesis ( ) | [http://t2.gstatic.com/images?q=tbn:ANd9GcQP27Upb0ZdrT_w4aEVYNR8nQtIyhUhgc7lXHTT0Y5AoEKYxK0iRA:www.wtamu.edu/academic/anns/mps/math/mathlab/col_algebra/col_alg_tut32ex6a.gif](http://www.google.com/imgres?imgurl=http://www.wtamu.edu/academic/anns/mps/math/mathlab/col_algebra/col_alg_tut32ex6a.gif&imgrefurl=http://www.wtamu.edu/academic/anns/mps/math/mathlab/col_algebra/col_alg_tut32_graphfun2.htm&h=237&w=403&tbnid=KIzKRLNodlEm8M:&zoom=1&q=increasing/decreasing%20functions&docid=gEcaxLjh-LTb1M&ei=WoghVLaPCZK1sQSG7oCYCg&tbm=isch&ved=0CB4QMygCMAI&iact=rc&uact=3&dur=272&page=1&start=0&ndsp=12) |
| Relative max | A number value or a point (x,y) where a graph reaches a maximum relative to what you see. | [http://t2.gstatic.com/images?q=tbn:ANd9GcSywaML9XR5lgqUUX2lzIzJ_U3pxT3Ovbyc2pUZa1hs_e8JrUl_:www.coolmath.com/precalculus-review-calculus-intro/precalculus-algebra/images/12-graphing-02.gif](http://www.google.com/imgres?imgurl=http://www.coolmath.com/precalculus-review-calculus-intro/precalculus-algebra/images/12-graphing-02.gif&imgrefurl=http://www.coolmath.com/precalculus-review-calculus-intro/precalculus-algebra/12-relative-extrema-minimums-maximums-01.htm&h=340&w=520&tbnid=0O9qrKr_QmdT2M:&zoom=1&q=relative%20maximum&docid=ERhHzgnsc1YtbM&ei=MYohVIbmDpLksATfpICoBA&tbm=isch&ved=0CB8QMygAMAA&iact=rc&uact=3&dur=365&page=1&start=0&ndsp=12) |
| Absolute minimum | You have a lowest point y is 0 not positive | [http://t1.gstatic.com/images?q=tbn:ANd9GcRn_9raa_MWdG2FfwbbSomlg0Hek2RtVQRnHcQx__T-I9vY8J9ydA:www.math.fsu.edu/~wooland/calculus/L13/graphics/Lecture128.jpeg](http://www.google.com/imgres?imgurl=http://www.math.fsu.edu/~wooland/calculus/L13/graphics/Lecture128.jpeg&imgrefurl=http://www.math.fsu.edu/~wooland/calculus/L13/Lecture13.html&h=283&w=447&tbnid=_WUR_okLwtmmSM:&zoom=1&q=Absolute%20minimum&docid=5IO5Q60NC1f6mM&ei=rYohVIPeBo7bsASZpILwCw&tbm=isch&ved=0CB0QMygBMAE&iact=rc&uact=3&dur=613&page=1&start=0&ndsp=12) |
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