1. $f(x) = x^2$

$f(-1,5) = (-1,5)^2$

$f(-1,5) = 2,5$

$f(0) = 0^2$

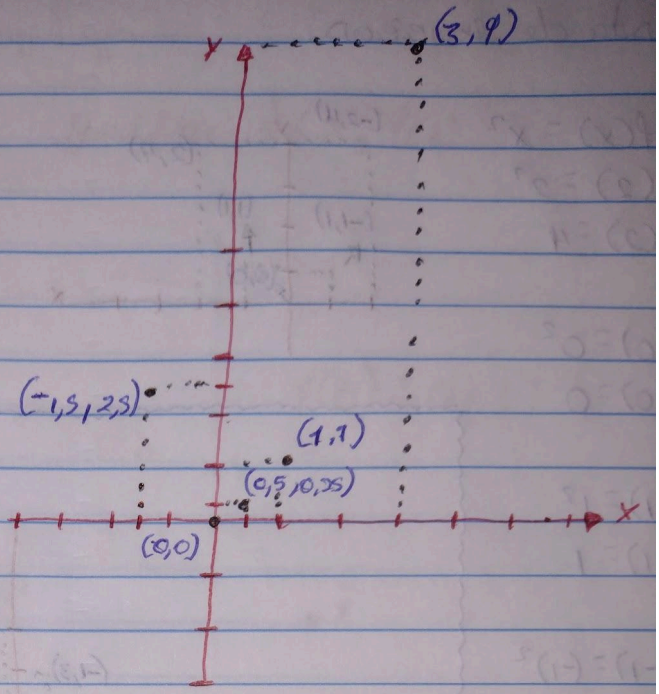
$f(0) = 0$

$f(0,5) = 0,5^2$

$f(0,5) = 0,25$

$f(1) = 1^2$ $\quad f(3) = 3^2$

$f(1) = 1$ $\quad f(3) = 9$



2. $f(x) = 4 - x^2$

$f(0) = 4 - 0^2$

$f(0) = 4$

$f(-1,5) = 4 - (-1,5)^2$

$f(-1,5) = 4 - 2,25$

$f(-1,5) = 1,75$

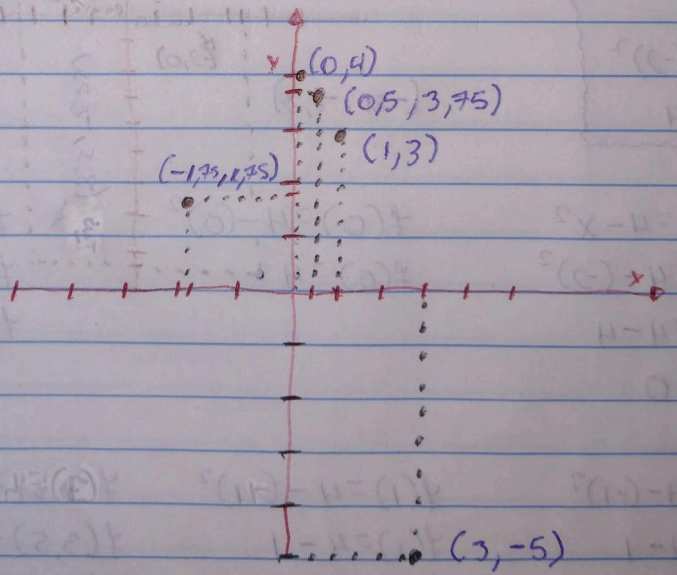
$f(0,5) = 4 - (0,5)^2$

$(0,5) = 3,75$

$f(1) = 4 - (1)^2$ $\quad f(3) = 4 - (3)^2$

$f(1) = 4 - 1$ $\quad f(3) = 4 - 9$

$f(1) = 3$ $\quad f(3) = -5$



3. $f(x) = x^3$

$f(-0,5) = (-0,5)^3$

$f(-0,5) = -0,125$

$f(0) = 0^3$

$f(0) = 0$

$f(1,5) = 1,5^3$

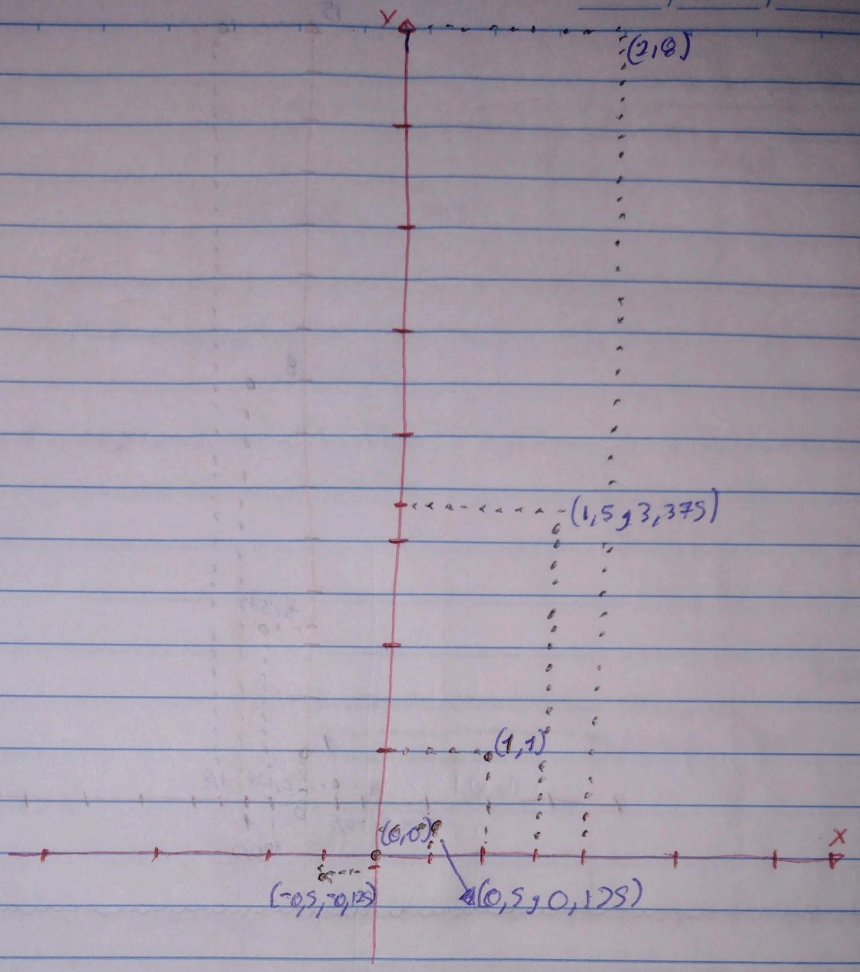
$f(1,5) = 3,375$

$f(2) = 2^3$

$f(2) = 8$

$f(+0,5) = (0,5)^3$

$f(0,5) = 0,125$



4. $f(x) = (x+1)^3$

$f(-0,5) = (-0,5+1)^3$

$f(-0,5) = (0,5)^3$

$f(-0,5) = 0,125$

$f(0) = (0+1)^3$

$f(0) = 1^3$

$f(0) = 1$

$f(0,5) = (0,5+1)^3$

$f(0,5) = 1,5^3$

$f(0,5) = 3,375$

$f(1) = (1+1)^3$

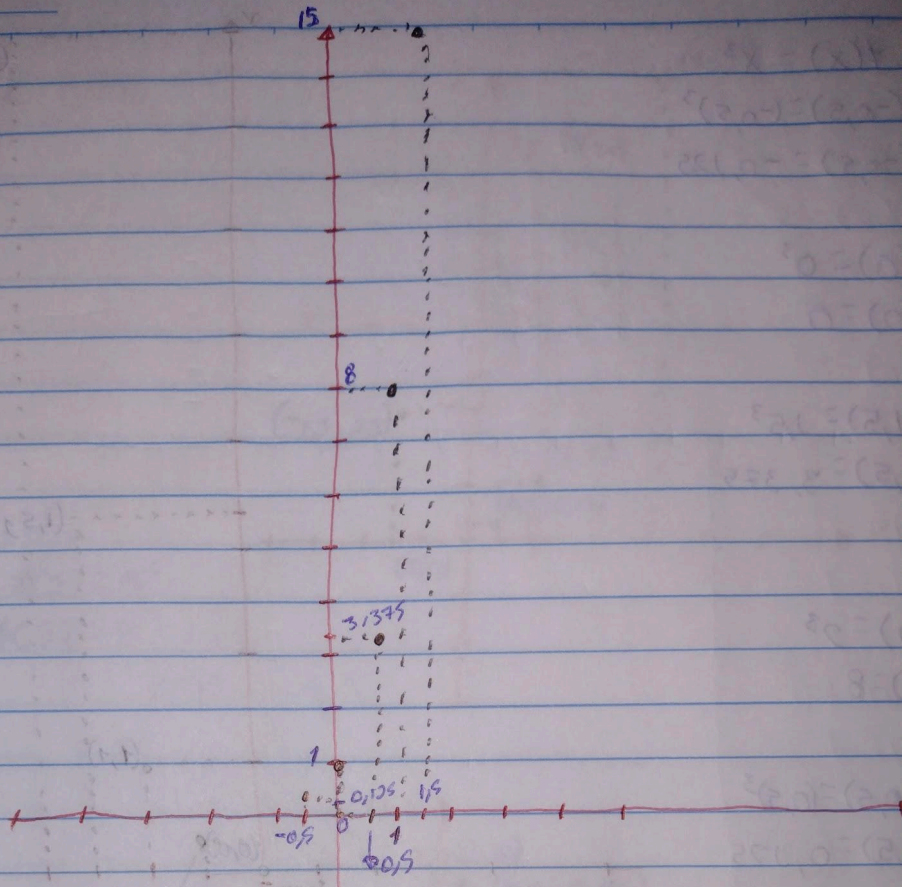
$f(1) = 2^3$

$f(1) = 8$

$f(1,5) = (1,5+1)^3$

$f(1,5) = 2,5^3$

$f(1,5) = 15,625$



5. $f(x) = \sqrt{x}$

$f(2,5) = \sqrt{2,5}$

$f(2,5) = 1,5$

$f(6,25) = \sqrt{6,25}$

$f(6,25) = 2,5$

$f(4) = \sqrt{4}$

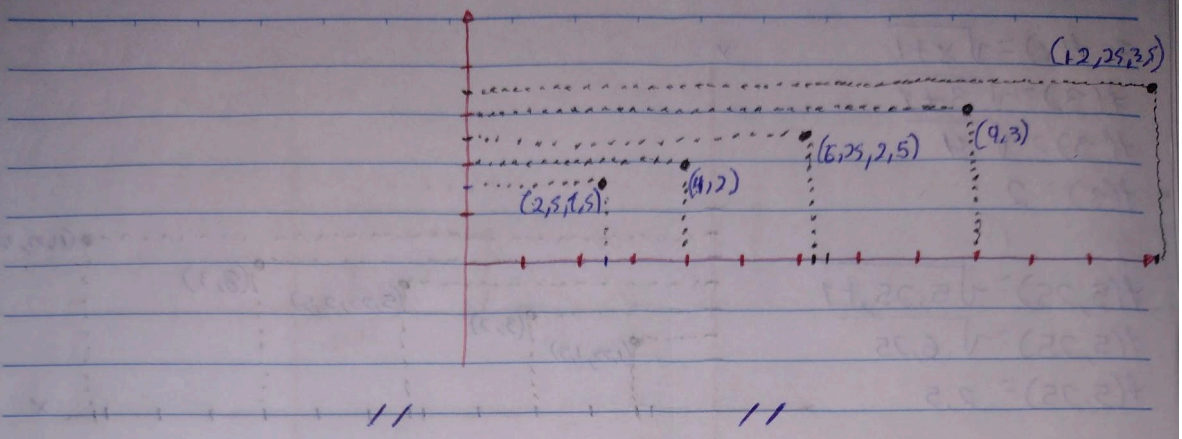
$f(4) = 2$

$f(12,25) = \sqrt{12,25}$

$f(12,25) = 3,5$

$f(9) = \sqrt{9}$

$f(9) = 3$

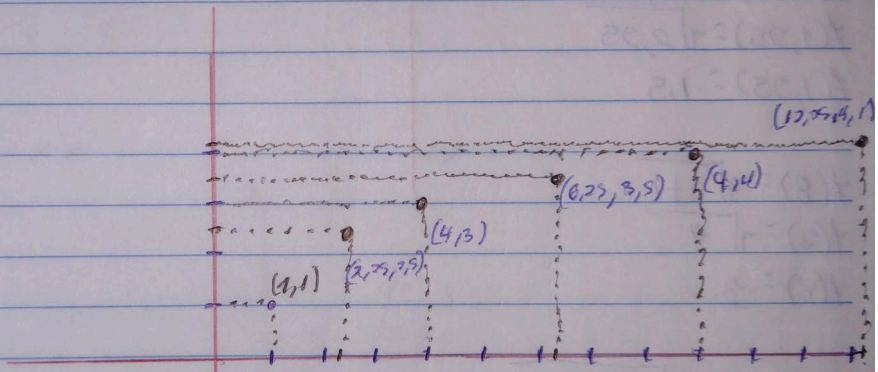


6. $f(x) = \sqrt{x} + 1$

$f(4) = \sqrt{4} + 1$

$f(4) = 2 + 1$

$f(4) = 3$



$f(9) = \sqrt{9} + 1$

$f(9) = 3 + 1$

$f(9) = 4$

$f(6{,}25) = \sqrt{6{,}25} + 1$

$f(6{,}25) = 2{,}5 + 1$

$f(6{,}25) = 3{,}5$

$f(2{,}25) = \sqrt{2{,}25} + 1$

$f(2{,}25) = 1{,}5 + 1$

$f(2{,}25) = 2{,}5$

$f(12{,}25) = \sqrt{12{,}25} +$

$f(12{,}25) = 3{,}5 + 1$

$f(12{,}25) = 4{,}1$

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7. $f(x) = \sqrt{x+1}$

$f(3) = \sqrt{3+1}$

$f(3) = \sqrt{4}$

$f(3) = 2$

$f(5,25) = \sqrt{5,25+1}$

$f(5,25) = \sqrt{6,25}$

$f(5,25) = 2,5$

$f(1,25) = \sqrt{1,25+1}$

$f(1,25) = \sqrt{2,25}$

$f(1,25) = 1,5$

$f(8) = \sqrt{8+1}$

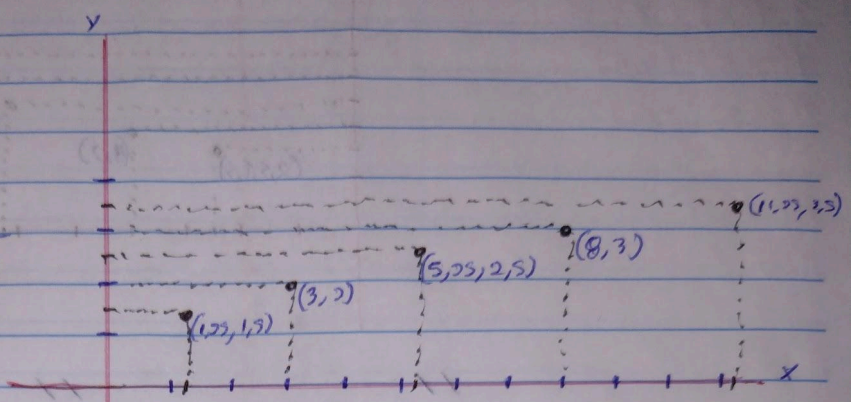
$f(8) = \sqrt{9}$

$f(8) = 3$

$f(11,25) = \sqrt{11,25+1}$

$f(11,25) = \sqrt{12,25}$

$f(11,25) = 3,5$



8. $f(x) = \sqrt[3]{x}$

$f(8) = \sqrt[3]{8}$

$f(8) = 2$

$f(3,375) = \sqrt[3]{3,375}$

$f(3,375) = 1,5$

$f(15,625) = \sqrt[3]{15,625}$

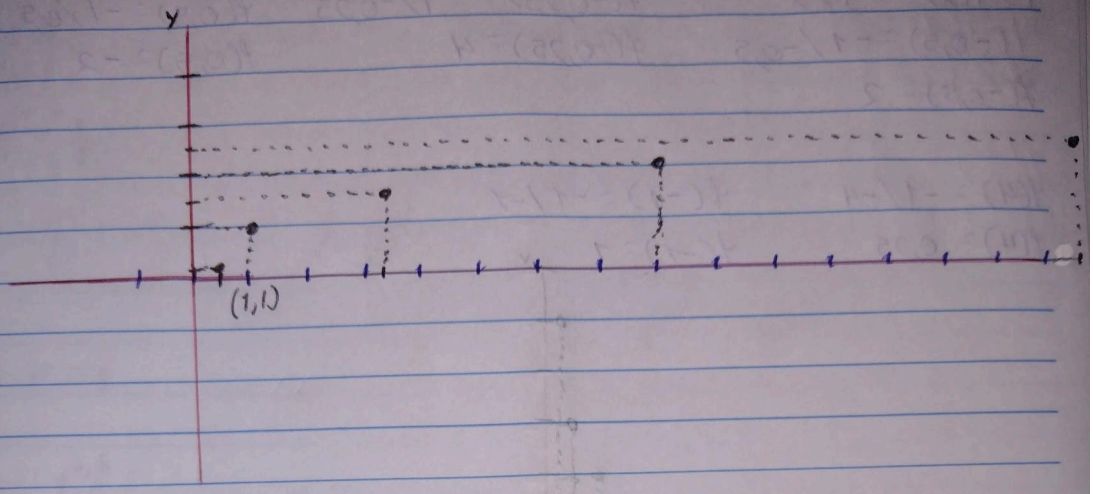
$f(15,625) = 2,5$

$f(1) = \sqrt[3]{1}$

$f(1) = 1$

$f(0,5) = \sqrt[3]{0,5}$

$f(0,5) = 0,125$



q. $f(x) = \frac{1}{x}$

$f(1) = 1/1$

$f(1) = 1$

$f(2) = \frac{1}{2}$

$f(2) = 0,5$

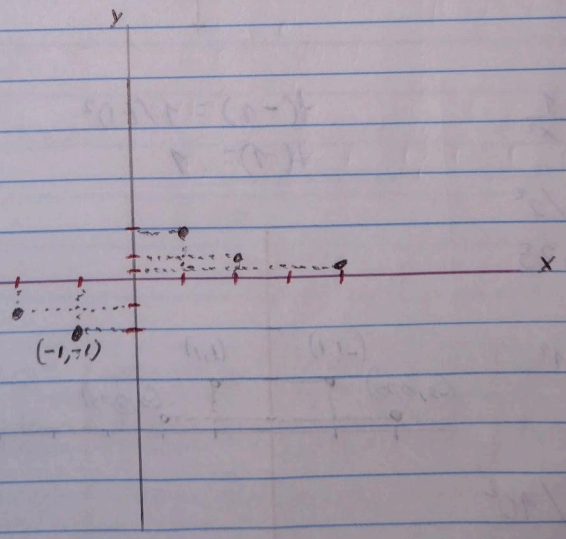
$f(4) = \frac{1}{4}$

$f(4) = 0,25$

$f(-1) = 1/-1$ $\quad f(-2) = \frac{1}{-2}$

$f(-1) = -1$

$f(-2) = -0,5$



10. $f(x) = -1/x$

$f(-0,25) = -1/-0,25$

$f(0,5) = -1/0,5$

$f(-0,5) = -1/-0,5$

$f(-0,25) = 4$

$f(0,5) = -2$

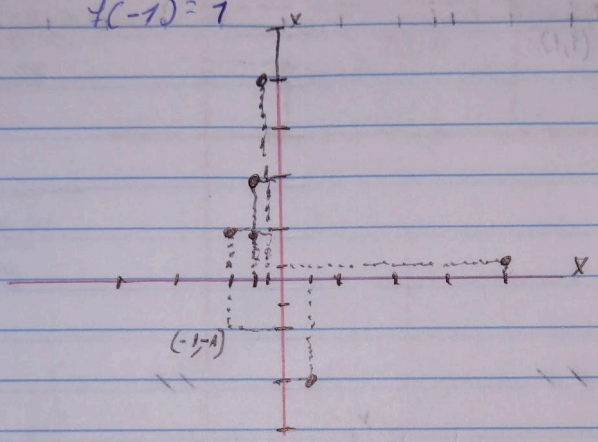
$f(-0,5) = 2$

$f(-4) = -1/-4$

$f(-1) = -1/-1$

$f(4) = 0,25$

$f(-1) = 1$



11. $f(x) = \frac{1}{x^2}$

$f(-1) = 1/(-1)^2$

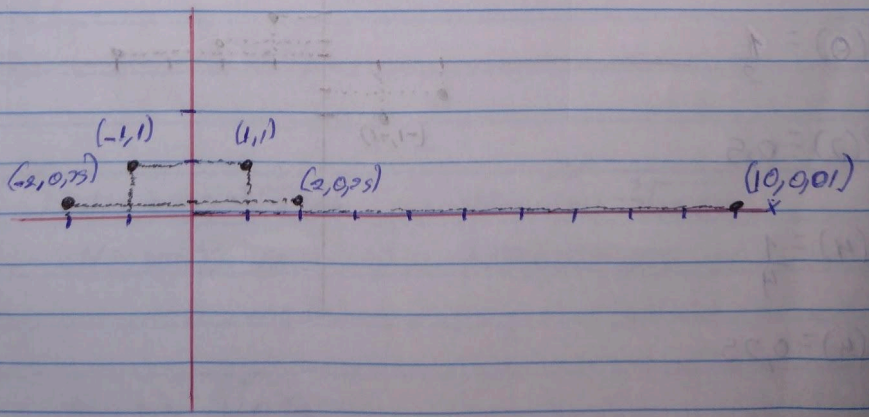
$f(-1) = 1$

$f(2) = 1/2^2$

$f(2) = 0,25$

$f(1) = 1/1^2$

$f(1) = 1$



$f(10) = 1/10^2$

$f(10) = 0,01$

$f(-2) = 1/(-2)^2$

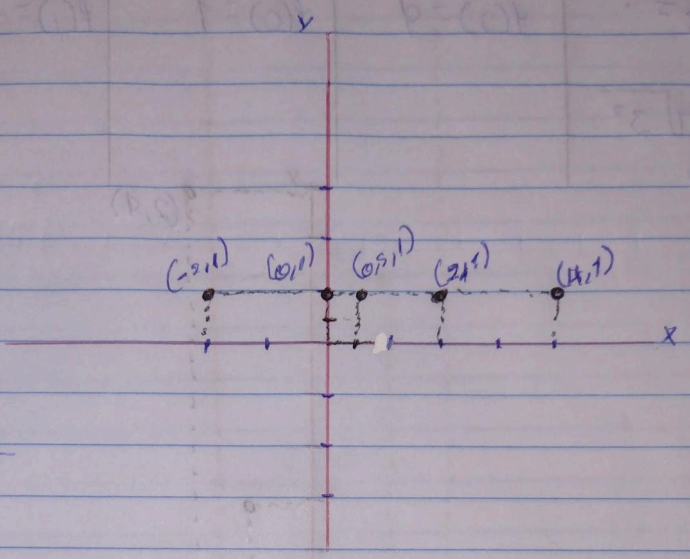
$f(-2) = 0,25$

12. $f(x) = 1^x$

$f(-2) = 1^{-2}$

$f(-2) = \left(\frac{1}{1}\right)^{-2}$

$f(-2) = \frac{1^2}{1^2} = 1$



$f(0) = 1^0 = 1$

$f(0,5) = 1^{0,5}$

$f(0,5) = 1^{\frac{1}{2}} = \sqrt{1^1}$

$f(0,5) = 1$

$f(2) = 1^2 =$

$f(2) = 1$

$f(4) = 1^4$

$f(4) = 1$

13.

$f(x) = 2^x$	$f(0) = 2^0$	$f(2) = 2^2$	$f(3) = 2^3$	$f(4) = 2^4$
$f(-2) = 2^{-2}$	$f(0) = 1$	$f(2) = 4$	$f(3) = 8$	$f(4) = 16$
$f(-2) = \frac{1^2}{2^2} = \frac{1}{4}$				
$f(-2) = 0,25$				

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14. $f(x) = 3^x$

$f(\frac{2}{3}) = 3^{\frac{2}{3}}$

$f(\frac{2}{3}) = \sqrt[3]{3^2}$

$f(\frac{2}{3}) = 3$

$f(2) = 3^2$

$f(2) = 9$

$f(0) = 3^0$

$f(0) = 1$

$f(1) = 3^1$

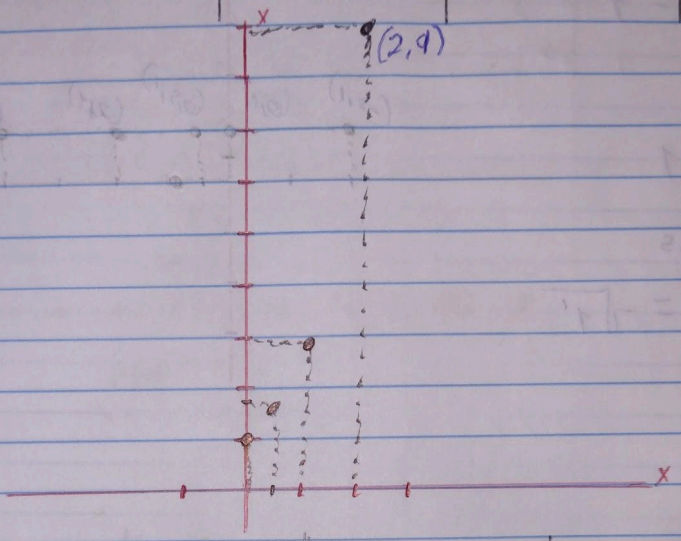
$f(1) = 3$

$f(0,5) = 3^{0,5}$

$f(\frac{1}{2}) = 3^{\frac{1}{2}}$

$f(\frac{1}{2}) = \sqrt{3}$

$f(\frac{1}{2}) \approx 1,73$



15. $f(x) = (0,5)^x$

$f(-1) = (0,5)^{-1}$

$f(-1) = \frac{1}{0,5}$

$f(-1) = 2$

$f(-2) = (0,5)^{-2}$

$f(-2) = (\frac{1}{0,5})^2$

$f(-2) = \frac{1}{0,25}$

$f(-2) = 4$

$f(1) = (0,5)$

$f(0) = (0,5)^0$

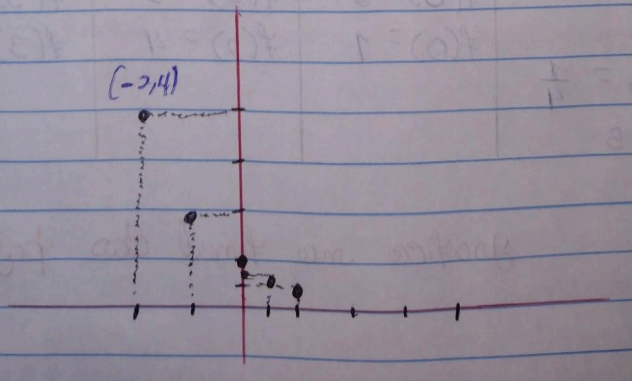
$f(0) = 1$

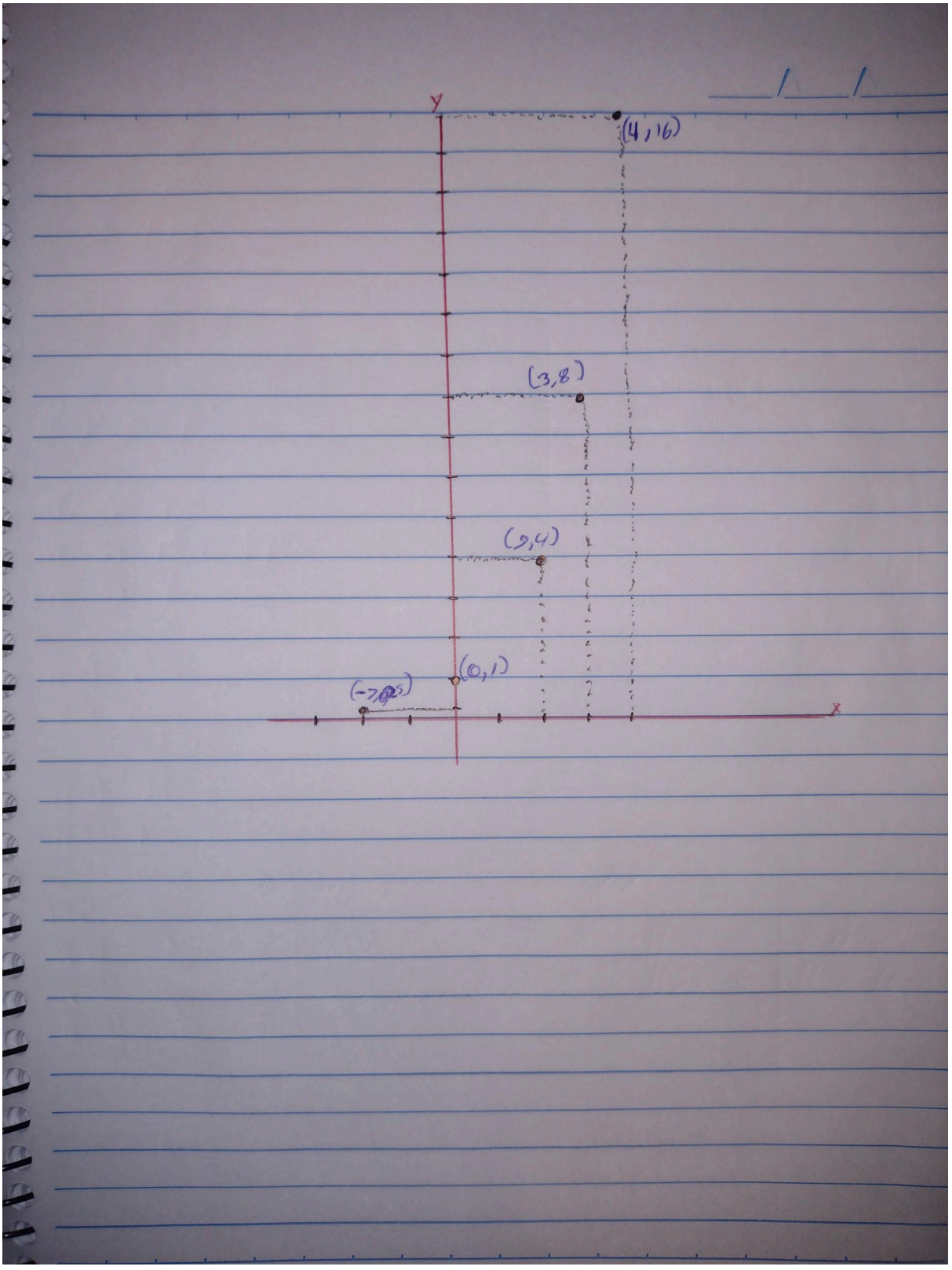
$f(0,5) = (0,5)^{0,5}$

$f(0,5) = (0,5)^{\frac{1}{2}}$

$f(0,5) = \sqrt{0,5}$

$f(0,5) \approx 0,71$




y
x
(4,16)
(3,8)
(2,4)
(0,1)