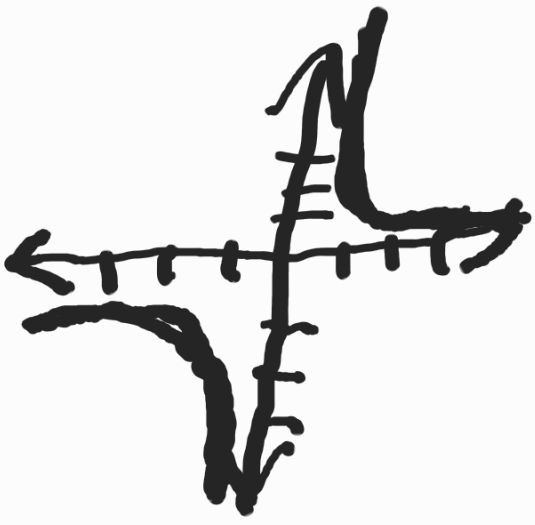
$$y = \frac{2}{x}$$



as $y \to 0$

$-$ $+$

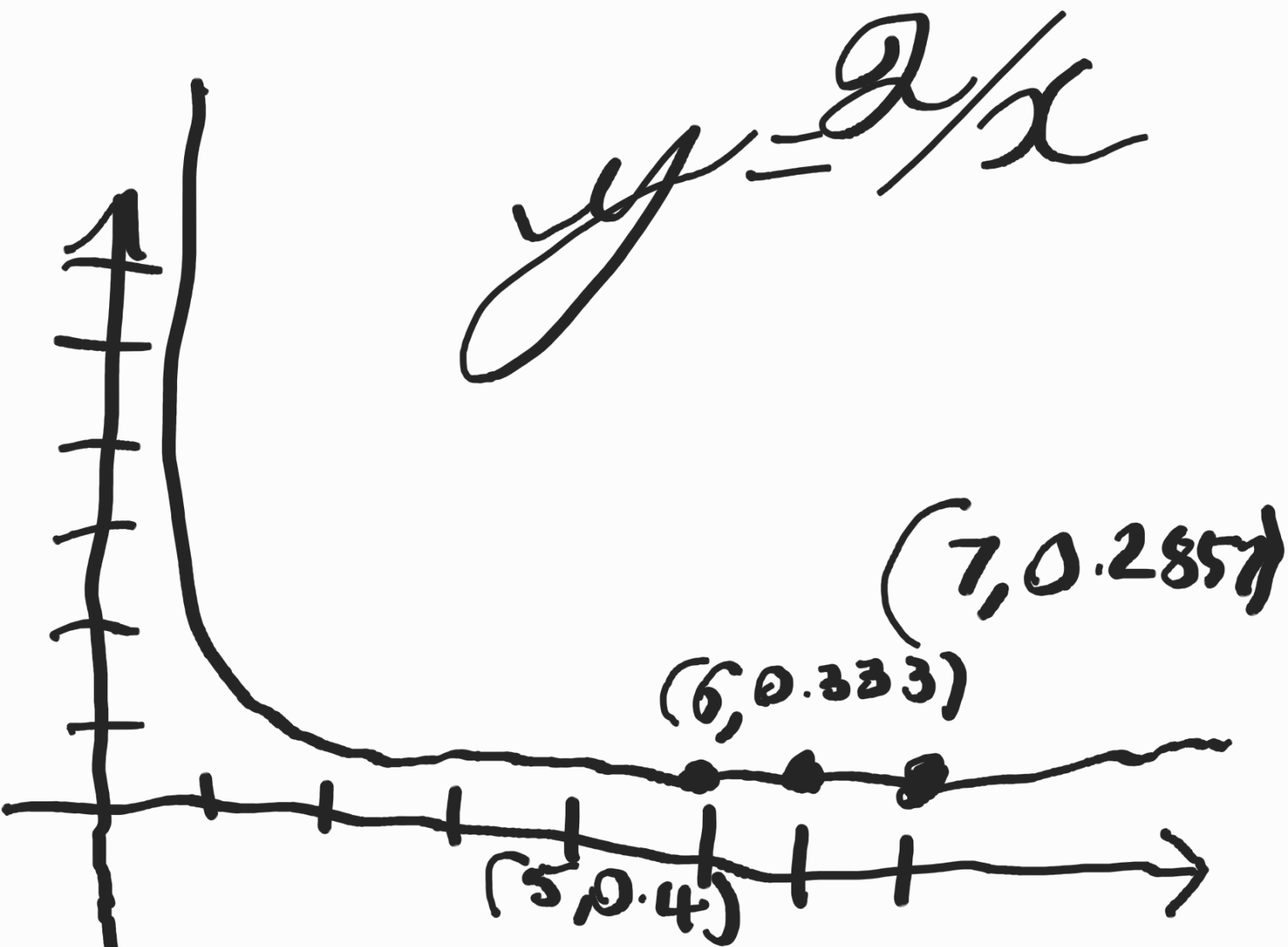
x	y
-4	-0.5
-5	-0.4
-6	0.333
-7	0.285
-8	
-9	
-10	

x	y
4	0.5
5	0.4
6	0.333
7	0.285
8	
9	
10	

$$5\overline{)2}\quad 0.4$$

$$6\overline{)2}\quad 0.3333$$

$$7\overline{)2}\quad 0.2857$$

$$8\overline{)2}\quad 60\ 40\ 50$$

$10\overline{)2}$