

Valentine Graph – Vertical Translations (slides)

(1) Number the graph as described. x-axis: 0 – 20; y-axis: 0 – 6

(2) Connect the points in each column as you plot them		(3) Slide each point seven units down. $(x,y) \Rightarrow (x, y - 7)$		(4) Slide each point seven units up. $(x,y) \Rightarrow (x, y + 7)$
(3, 7)		(3, 0)		(3, 14)
(4, 8)		(4, 1)		(4, 15)
(5, 9)		(5, 2)		(5, 16)
(6, 11)		(6, 4)		(6, 18)
(6, 12)		(6, 5)		(6, 19)
(5, 13)		(5, 6)		(5, 20)
(4, 13)		(4, 6)		(4, 20)
(3, 12)		(3, 5)		(3, 19)
(2, 13)		(2, 6)		(2, 20)
(1, 13)		(1, 6)		(1, 20)
(0, 12)		(0, 5)		(0, 19)
(0, 11)		(0, 4)		(0, 18)
(1, 9)		(1, 2)		(1, 16)
(2, 8)		(2, 1)		(2, 15)
(3, 7)		(3, 0)		(3, 14)
Stop		Stop		Stop