Question	Five	Six	Seven	Eight
1. direction of opening	left	left	right	right
2. min/max point or value farthest right /left	farthest right	farthest right	farthest left	farthest left
3. what is the min/max value or value farthest right/left?	x = -1	x = -3	x = -1	x = 3
4. equation of the axis of symmetry	y = 2	y = 5	y = 2	y = -4
5. coordinates of the vertex	(-1 , 2)	(-3 , 5)	(-1 , 2)	(3 , -4)
6. table of values	x / y -13/4 / -1 -2 / 0 -1 / 2 -2 / 4 -13/4 / 5	x / y -15/2 / -1 -49/8 / 0 -3 / 5 -49/8 / 10 -15/2 / 11	x / y 107 / -1 47 / 0 -1 / 2 47 / 4 107 / 5	x / y 403 / -6 259 / -5 3 / -4 259 / 0 403 / 1
7. what is the value of "c"	1	2	1/48	1/64
8. what are the coordinates of the focal point?	(-2, 2)	(-5, 5)	(-47/48 , 2)	(193/64 ,-4)
9. Equation of the directrix?	x = 0	x = -1	x = -49/48	x = 191/94
10. Domain (values of x)	$x \le -1$	$x \le -3$	$x \ge -1$	$x \ge 3$
11. Range (values of y)	$y \in R$	$y \in R$	$y \in R$	$y \in R$
12. Coordinates of the endpoints of latus rectum	(-2, 4) (-2 , 0)	(-5 , 7) (-1 , -1)	(-49/48, 94/48) (-49/48, 96/48)	(193/64,-254/64) (193/64,-254/64)
13. Length of the latus rectum	4	8	1/12	1/16