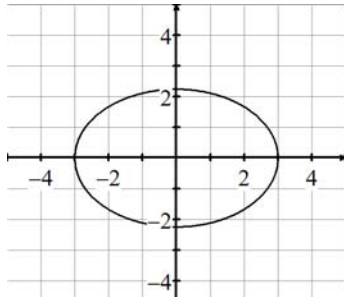
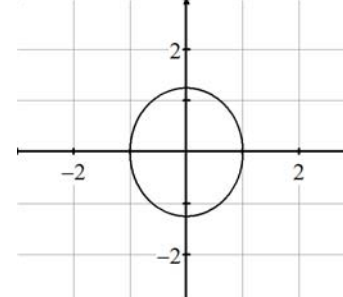
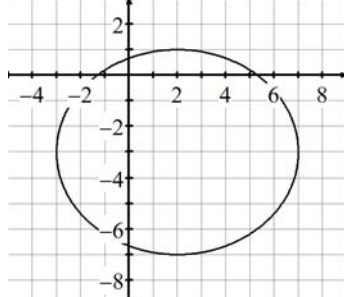
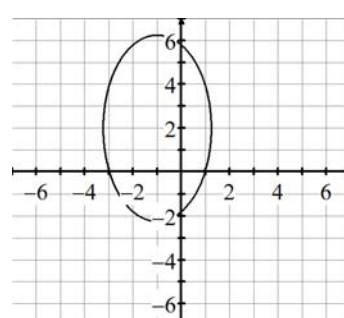
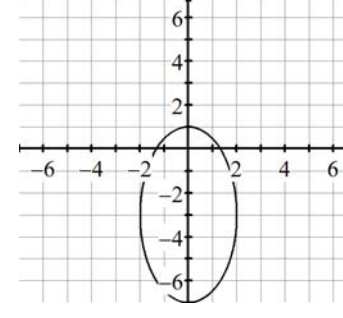
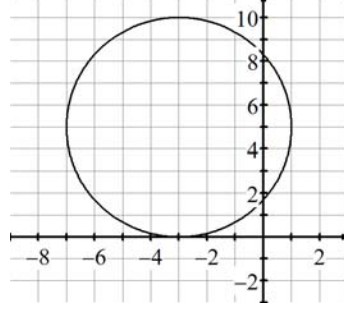


## Ellipses

**There are 21 points possible**  
**Count each box below as 1 point**  
**and count each graph as 1 point**

1) $C(0,0); F(\pm 2,0); LMA = 6$	2) $C(0,0); F\left(0,\pm\frac{3}{4}\right); LMA = \frac{5}{2}$
3) $C(2,-3); F(5,-3) \& (-1,-3); LMA = 10$	4) $\frac{x^2}{25} + \frac{y^2}{9} = 1$
5) $\frac{(x+2)^2}{9} + \frac{(y-7)^2}{1} = 1$	6) $\frac{(x-3)^2}{9} + \frac{(y+4)^2}{16} = 1$
7) $C(-1,2); F(-1,2 \pm \sqrt{13}); 6\sqrt{2}$	8) $C(0,-3); F(0,-3 \pm 2\sqrt{3}); 8$
9) $C(-3,5); F(-3,2) \& (-3,8); 10$	10) $C(-2,3); r = \sqrt{34}$
11) $\frac{(x-2)^2}{16} + \frac{y^2}{12} = 1$	12) $\frac{(x-2)^2}{1} + \frac{(y+1)^2}{2.25} = 1$
13) $\frac{(x-3)^2}{4} + \frac{9(y-2)^2}{32} = 1$	14) $\frac{(x-2)^2}{4} + \frac{(y-2)^2}{1} = 1$

1) 	2) 	3) 
7) 	8) 	9) 

10)

