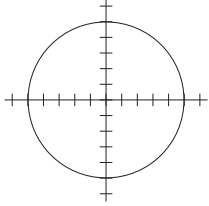
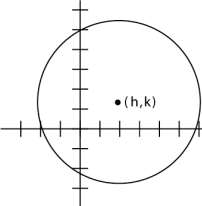
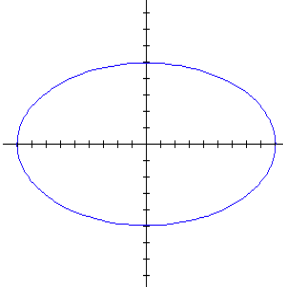
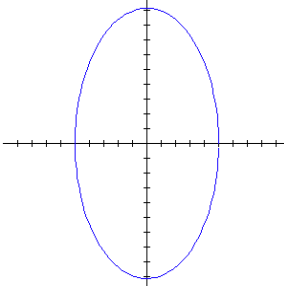
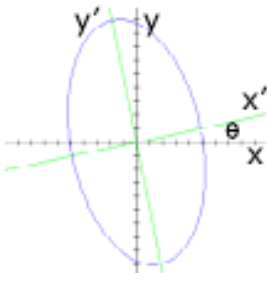
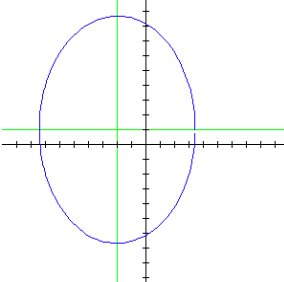
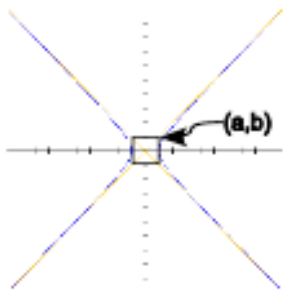
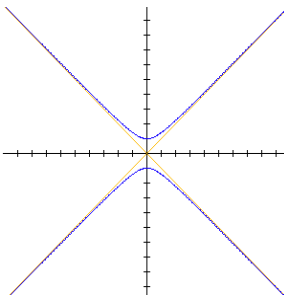
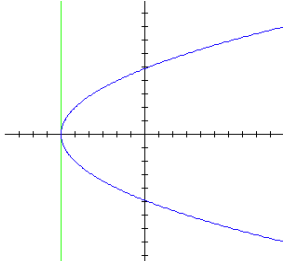
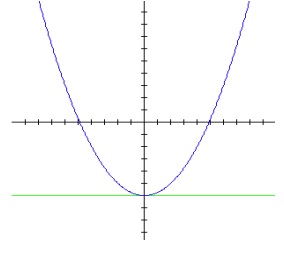


Graph		Graph	Equation
<p data-bbox="289 128 375 157">Circle</p> 	$x^2 + y^2 = r^2$	<p data-bbox="873 163 1102 193">Decentered Circle</p> 	$(x-h)^2 + (y-k)^2 = r^2$
<p data-bbox="212 415 451 445">Horizontal Ellipse</p> 	$\frac{x^2}{a^2} + \frac{y^2}{b^2} = 1$ $a > b$ $a^2 = b^2 + c^2$ <p data-bbox="532 646 748 676">Vertices: $(\pm a, 0)$</p> <p data-bbox="557 688 724 718">Foci: $(\pm c, 0)$</p> $B^2 - 4AC < 0$	<p data-bbox="889 415 1089 445">Vertical Ellipse</p> 	$\frac{x^2}{b^2} + \frac{y^2}{a^2} = 1$ $a > b$ $a^2 = b^2 + c^2$ <p data-bbox="1190 646 1406 676">Vertices: $(0, \pm a)$</p> <p data-bbox="1214 688 1378 718">Foci: $(0, \pm c)$</p> $B^2 - 4AC < 0$
<p data-bbox="232 779 431 808">Rotated Ellipse</p> 	$\frac{x^2}{a^2} + \frac{y^2}{b^2} = 1$ $x = x' \cos \theta - y' \sin \theta$ $y = x' \sin \theta + y' \cos \theta$ $\tan 2\theta = \frac{B}{A - C}$ <p data-bbox="548 1066 732 1096">if $A = C$ then</p> $\theta = 45^\circ$	<p data-bbox="865 779 1114 808">Decentered Ellipse</p> 	$\frac{(x-h)^2}{a^2} + \frac{(y-k)^2}{b^2} = 1$
<p data-bbox="191 1155 472 1184">Horizontal Hyperbola</p> 	$\frac{x^2}{a^2} - \frac{y^2}{b^2} = 1$ $c^2 = a^2 + b^2$ <p data-bbox="532 1312 748 1341">Vertices: $(\pm a, 0)$</p> <p data-bbox="557 1354 724 1383">Foci: $(\pm c, 0)$</p> <p data-bbox="557 1396 724 1425">Asymptotes:</p> $y = \pm \frac{b}{a} x$ $B^2 - 4AC > 0$	<p data-bbox="865 1155 1114 1184">Vertical Hyperbola</p> 	$\frac{y^2}{a^2} - \frac{x^2}{b^2} = 1$ <p data-bbox="1190 1270 1406 1299">Vertices: $(0, \pm a)$</p> <p data-bbox="1214 1312 1378 1341">Foci: $(0, \pm c)$</p> <p data-bbox="1214 1354 1378 1383">Asymptotes:</p> $y = \pm \frac{a}{b} x$ $B^2 - 4AC > 0$
<p data-bbox="199 1562 464 1591">Horizontal Parabola</p> 	$y^2 = 4p(x-h)$ <p data-bbox="540 1646 740 1675">Standard Form:</p> $y^2 = 4px$ <p data-bbox="557 1730 724 1759">Focus: $(p, 0)$</p> <p data-bbox="524 1772 756 1801">Directrix: $x = -p$</p>	<p data-bbox="873 1562 1105 1591">Vertical Parabola</p> 	$x^2 = 4p(y-k)$ <p data-bbox="1198 1646 1398 1675">Standard Form:</p> $x^2 = 4py$ <p data-bbox="1214 1730 1382 1759">Focus: $(0, p)$</p> <p data-bbox="1182 1772 1414 1801">Directrix: $y = -p$</p> $B^2 - 4AC = 0$