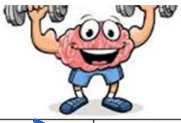
11.1 Worksheet KEY

Tuesday, November 17, 2015
3:26 PM

H Integrated
11.1 Worksheet



Name Key :)

1. $x^2 = -4y$ $4p=-4$ $p=-1$ **Vertex:** (0,0) **Focus:** (0,-1) **Directrix:** y=1 **Equation:**	**2.** $(x + 9)^2 = 20(y - 8)$ $p=5$ y=3 **Vertex:** (-9,8) **Focus:** (-9,13) **Directrix:** y=3 **Equation:**	**3.** $(½)(x - 4)^2 = (y + 3)$ $(x-4)^2 = 2(y+3)$ $4p=2$ $p=\frac{1}{2}$ Vertex: (4,-3) **Focus:** (4,-2.5) **Directrix:** y=-3.5 **Equation:**
4. Vertex: (0,0) **Focus: (0, -8)** **Directrix:** y=8 **Equation:** $x^2=-32y$ p=-8	**5. Vertex: (-2,3)** **Focus: (-2, 0)** **Directrix:** y=6 **Equation:** $(x+2)^2=-12(y-3)$ y=6 p=-3	**6. Vertex: (-2,3)** **Focus:** (-2,-2) **Directrix: y = 8** **Equation:** $(x+2)^2=-20(y-3)$ 8=y p=-5

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Name _____

1. $x^2 = -4y$ **Vertex:** _____ **Focus:** _____ **Directrix:** _____ **Equation:**	**2.** $(x + 9)^2 = 20(y - 8)$ **Vertex:** _____ **Focus:** _____ **Directrix:** _____ **Equation:**	**3.** $(½)(x - 4)^2 = (y + 3)$ **Focus:** _____ **Directrix:** _____ **Equation:**
4. Vertex: (0,0) **Focus: (0, -8)** **Directrix:** _____ **Equation:** _____	**5. Vertex: (-2,3)** **Focus: (-2, 0)** **Directrix:** _____ **Equation:** _____	**6. Vertex: (-2,3)** **Focus:** _____ **Directrix: y = 8** **Equation:** _____