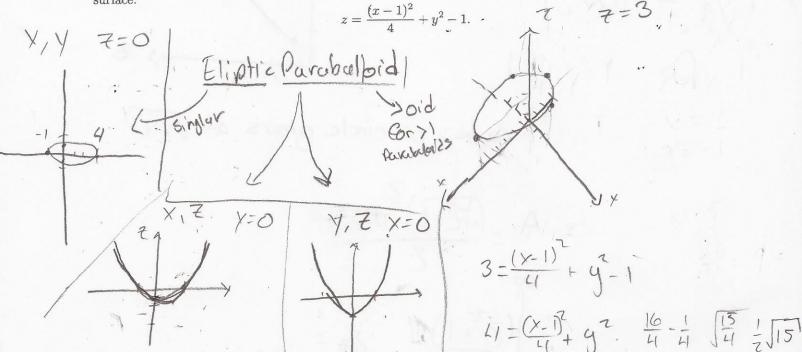
Exercise 1. Determine the coordinate plane traces and the $(z_0 = 3)$ -trace. Then name and sketch the surface.



Exercise 2. Determine the domain of $f(x,y) = \sqrt{1+x^2+y^2}$. Then, sketch level curves for $z_0 = 1$, $z_0 = \sqrt{5}$, and $z_0 = \sqrt{10}$.

Danoin! EXYERS

$$\frac{26-\sqrt{5}}{1-\sqrt{1+x^2+y^2}}$$
 $\frac{75-\sqrt{5}}{1-\sqrt{1+x^2+y^2}}$
 $\frac{75-\sqrt{5}}{1-\sqrt{1+x^2+y^2}}$
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