



**CHECK ANSWERS #36-44even:** (listed in random order)

$$\frac{(x-1)^2}{4} - \frac{(y-2)^2}{5} = 1 \quad \frac{(x+1)^2}{9} + \frac{(y-1)^2}{25} = 1 \quad \frac{(x-3)^2}{9} + \frac{y^2}{25} = 1 \quad \frac{(x-2)^2}{9} - \frac{(y+1)^2}{27} = 1 \quad (y-3)^2 = -4(x-2)$$

**Show all steps when solving for these equations!**

**A rough sketch of the given information may be helpful.**

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**For #47-53odd, sketch graph, identify all values (except asymptotes) as listed in the book instructions. Use central box method to show each pair of asymptotes.**