

$$\text{Large scrambler} = 6 \text{ sec/rev}$$

$$\text{Little scrambler} = -3 \text{ sec/rev}$$

The ride is 2:35 or 155 sec. In that time

$$\text{Little} = \frac{155 \text{ sec}}{-3 \text{ sec/rev}} = -51 \frac{2}{3} \text{ rev} \rightarrow$$

$$\text{Large} = \frac{155 \text{ sec}}{6 \text{ sec/rev}} = 25 \frac{5}{6} \text{ rev} \rightarrow$$

