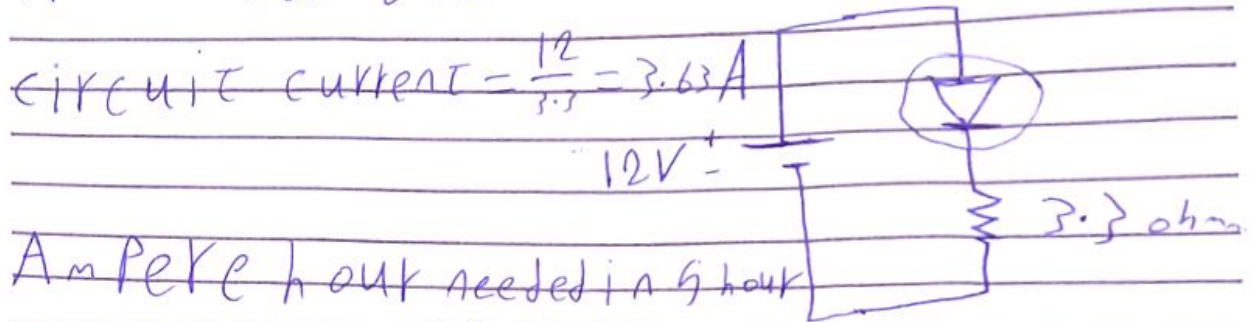


Assume all batteries are 12 V 52.00 Ah



Ampere hour needed in 5 hour
= $3.63 \times 5 = 18.18 \text{ Ah}$

$$\text{No. Batteries} = \frac{18.18}{5.2} = 3.49 \approx 4$$

We need 4 Parallel batteries