

Name: \_\_\_\_\_

Class: \_\_\_\_\_

# Success at the Plate

GRADES 6-8

X = Hit    O = No Hit

Trial 1

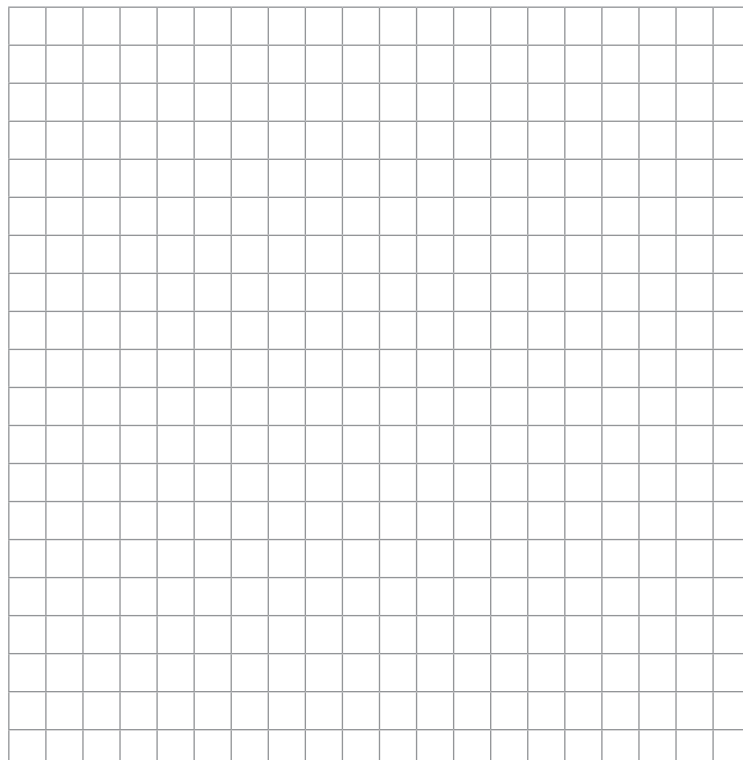
Swings	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	Probability
Hitter											

X = Hit    O = No Hit

Trial 2

Swings	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	Probability
Hitter											

Graph the probability of each trial below:



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# Success at the Plate

GRADES 6-8

1. Based on Trial 1 probability, how many successful hits would you have out of 100 hits?
2. Based on Trial 1 probability, how many successful hits would you have out of 1,000 hits?
3. Based on Trial 1 probability, how many successful hits would you have out of 10,000 hits?
4. Based on Trial 2 probability, how many successful hits would you have out of 100 hits?
5. Based on Trial 2 probability, how many successful hits would you have out of 1,000 hits?
6. Based on Trial 2 probability, how many successful hits would you have out of 10,000 hits?

Based on this information, were you more or less successful before or after watching the video and implementing a change to your swing? Support your answer with data.