

Name: _____ Date: _____ Period: _____

INDEPENDENT AND DEPENDENT EVENTS

Identify as independent or dependent.

- ① Rolling a die and spinning a spinner _____
- ② selecting a skittle, eating it, selecting another _____
- ③ Choosing a marble, replacing it, and choosing another _____
- ④ selecting a m&m, eating it, and rolling a die _____

Find the probability for these events.

- ⑤ Rolling a 3 on a die and getting heads on a penny _____
- ⑥ Rolling a die and getting an even number. Rolling the die again and getting a 5. _____
- ⑦ There are 4 red skittles, 6 yellow, and 2 green in a bag. Find the probability of choosing a red, eating it, and then choosing a green. _____
- ⑧ using same information in #7, choosing a yellow, eating it, then choosing another yellow. _____