When can you use the binomial distribution?

1. 2 types of outcomes
    - success
    - failure

2. Independent events

3. Identical distribution
    - p same for all

☐ Drawing 20 cards from a shuffled deck. Outcomes: red and black

☑ Roll a die 50 times. Outcomes: 6 or other

☐ Clicks on a search results page. Outcomes: click or no click

☐ Student completion of course after 2 months. Outcomes: Complete or not

☐ Purchase of items within a week. Outcomes: Purchased or not