

10.1 Outcomes and Events

EQ: In an experiment, how can you determine the number of possible results?

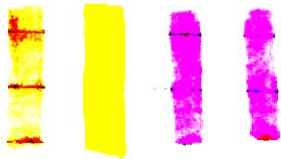
Experiment: an investigation or procedure that has varying results.

Outcome: possible results

Event: one or more outcomes

Favorable outcomes: outcomes of a specific event.

Outcomes (4)



Event: choosing a pink line

Favorable Outcomes for this event: 2

Example 1: You roll a 6-sided dice.

a) what are the possible outcomes?

6 outcomes \Rightarrow 1, 2, 3, 4, 5, 6

b) what are the favorable outcomes of rolling an even number?

2, 4, 6 \Rightarrow 3 favorable outcomes