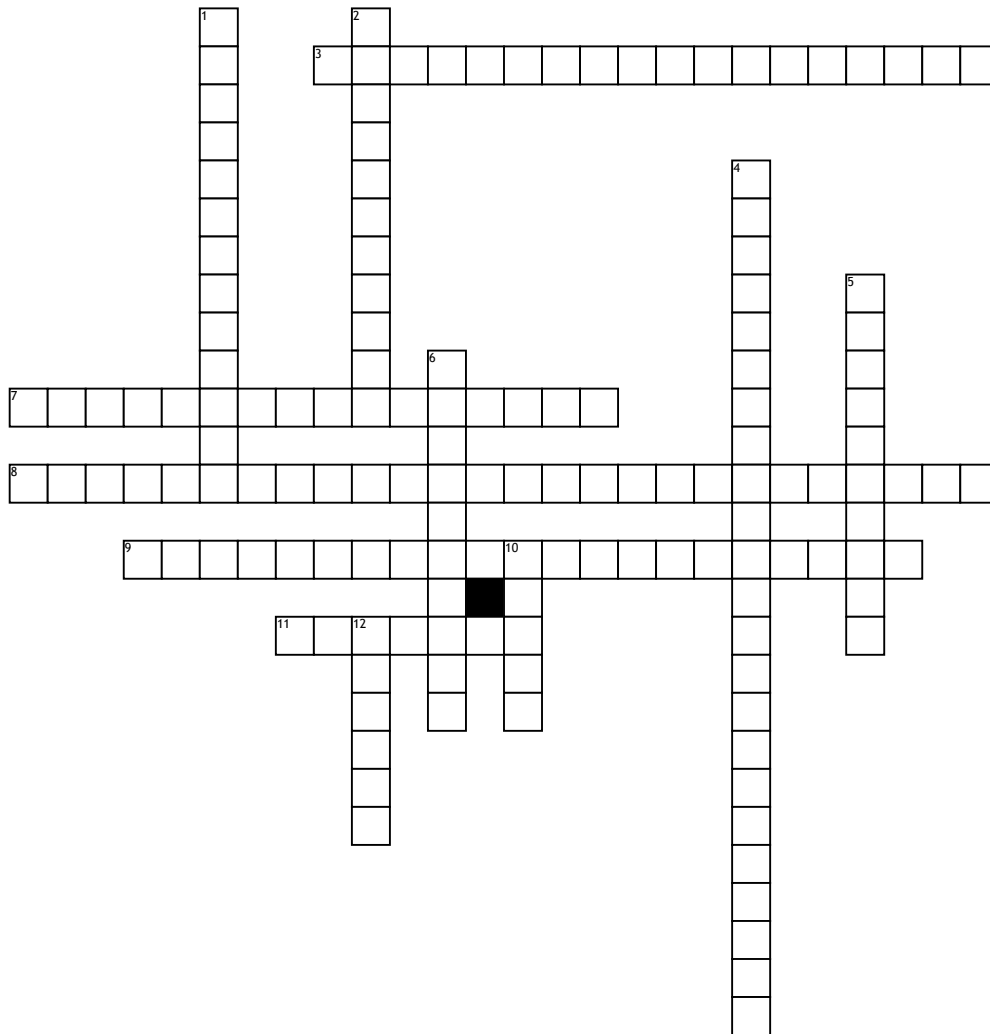


chances



Across

3. Outcomes are favourable if they are part of some desired event

7. A chance experiment is an activity that may produce a variety of different results which occur randomly. The example given is a single-step experiment

8. Event are non-mutually exclusive if they share one or more outcomes. In the 3sample space are divided into two events,they are complementary events.

9. Equally likely that are two or more results that have the same chance of occurring

11. An outcome is one of the possible results of a chance experiment.

Down

1. A compound event is a collection of two or outcomes from the sample space of a chance experiment

2. The sample space is the set of all possible outcomes of an experiment. It is usually written inside braces,as shown on the example.

4. Two or more events are mutually exclusive if they share no outcomes

5. If an experiment was performed and an event did not occur, then the complement definitely occurred

6. Theoretical probability is the actual chance or likelihood that an event will occur when an experiment takes place.

10. An event is either one outcome or a collection of outcomes. It is a subset of the sample space.

12. When an experiment is performed one or more times, each occurrence is called a trial. The example given indicates 50 trials of a single-step experiment

Word Bank

Chance experiment

Favourable outcomes

Outcome

Compound event

Non-mutually exclusive events

Event

Equally likely outcomes

Mutually exclusive events

Likelihood

Complement

Sample space

Trials