

Exploring Two Situations

SITUATION 1: (Place a check mark besides one of the following choices)

You have five shapes: three cubes and two triangles.

You have twenty-six letters.

You have a list of thirty movies.

You have one coin and two dice.

Create a situation that involves independent events. Explain why the events are independent.

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SITUATION 2: (Place a check mark besides one of the following choices)

You have five shapes: three cubes and two triangles.

You have twenty-six letters.

You have a list of thirty movies.

You have one coin and two dice.

Create a situation that involves dependent events. Explain why the events are dependent.

Explain how the probabilities differ in the two situations.