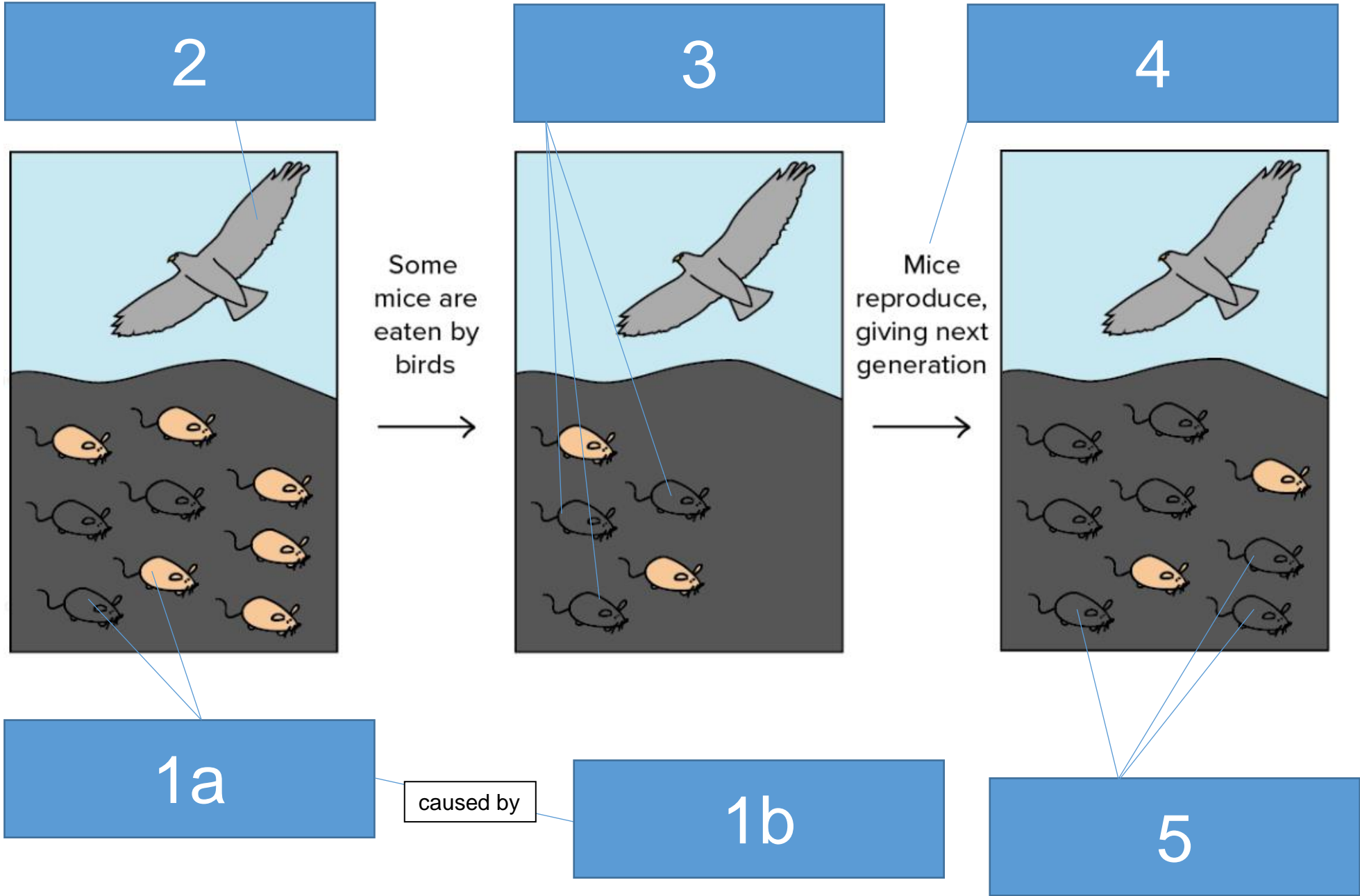


# Evolution by Natural Selection Card Sort



Variation	Mutation	Selective Pressure
Survival of the fittest	Inheritance of beneficial traits	Adaptation

Variation	Mutation	Selective Pressure
Survival of the fittest	Inheritance of beneficial traits	Adaptation

Variation	Mutation	Selective Pressure
Survival of the fittest	Inheritance of beneficial traits	Adaptation

Variation	Mutation	Selective Pressure
Survival of the fittest	Inheritance of beneficial traits	Adaptation

<p>Individuals in a population possess different traits, behaviors, and abilities; differences can be beneficial, harmful, or (usually) neutral</p>	<p>Random changes in genes are the ultimate source of diversity and new traits – not selective pressures or the “need” for adaptation</p>
<p>Overproduction, scarcity of resources, competition, predation, and other factors can threaten survival and interfere with reproduction</p>	<p>Some variations give individuals greater potential for reproduction, usually by helping them survive or outcompete others for resources</p>
<p>Offspring always receive their genes (and thus their traits) from their parents; new generations share more traits in common with survivors of the previous generation</p>	<p>Over many generations, variations that consistently give individuals an advantage spread and become common, so the population appears to change over time</p>

<p>Individuals in a population possess different traits, behaviors, and abilities; differences can be beneficial, harmful, or (usually) neutral</p>	<p>Random changes in genes are the ultimate source of diversity and new traits – not selective pressures or the “need” for adaptation</p>
<p>Overproduction, scarcity of resources, competition, predation, and other factors can threaten survival and interfere with reproduction</p>	<p>Some variations give individuals greater potential for reproduction, usually by helping them survive or outcompete others for resources</p>
<p>Offspring always receive their genes (and thus their traits) from their parents; new generations share more traits in common with survivors of the previous generation</p>	<p>Over many generations, variations that consistently give individuals an advantage spread and become common, so the population appears to change over time</p>

