

## University of Phoenix Material

### Answer: **None** is an interaction?

For the following scenarios, decide whether the situation is a result of cause, chance, or an interaction of the two. Explain your reasoning.

#### Paula

Paula, a 27-year-old only child, displays a bad temper by coming to the store and demanding the store clerk be in charge.

Is this chance, cause, or an interaction?

None

Justify your answer:

Paula's bad temper is nothing but because environmental impacts, such as parenting styles.

#### Archie

Archie receives high marks in math. Archie's mother is surprised because she never did well in math.

Is this chance, cause, or an interaction?

None

Justify your answer:

Even though Archie's mother may not do well in math, there is an environmental factor, such as, Archie's teacher could be teaching her well math.

#### Chesney

Chesney almost drowned in the pool when he was 10 years old. Subsequently, he is cautious of swimming pools after the experience.

Is this chance, cause, or an interaction?

Interaction

Justify your answer:

That fact Chesney is intimidated by what happened to her in the pool. I believe there could have to be a psychological effect in swimming. That is being triggered by an environmental factor. (1994)

#### Michael

Michael was born with Down Syndrome (Trisomy 21).

Is this chance, cause, or an interaction?