

Conditional Probability Changes the Reference Group: Apply and Create



Name: _____ Date: _____

Use what you learned to explain, construct or apply an idea.

An invented parts inspection

Invented practice data or scenario; not a report of a real study.
A table describes 100 parts and an inspection flag. A flag is not the same as a confirmed defect.

Status	Flagged	Not flagged
Defective	8	2
Not defective	18	72

1. Why are the last two fractions different?

2. Does a flag guarantee a defect in this invented table?