

Conditional Probability Changes the Reference Group: Explore and Explain



Name: _____ Date: _____

Explore the material. Talk through your reasoning with suitable support.

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. How many parts are flagged?

2. What fraction of all parts are both defective and flagged?
