MATHEMATICS: Sample Item

Questions 3

This item has the following characteristics:

Strand: Number

Objectives: Select data relevant to a problem when finding a solution

Mathematics Practice: MP1. Make sense of problems and persevere in solving them
MP8. Look for and express regularity in repeated reasoning

Item Type: Multiple Selected Response

About this Item Type: This item type provides a list of answer options for students to choose. One or more options can be selected. Student get full credit only if **ALL** the intended answers are selected.

In a certain herd of goats, all the goats are either black or white.
How many female goats in the herd are black?

Which **three** of the following statements together provide additional
information that is enough to answer the question?

(A)   The number of goats in the herd
(B)   The number of male goats in the herd
(C)   The number of black male goats in the herd
(D)   The number of white female goats in the herd