Outside of Class

Practice

Probability Lesson 1: Experimental Probability

1.) A survey was carried out at an international airport. A number of travellers were interviewed and asked for their flight destinations. The results are shown in the table below.

|  |  |  |  |
| --- | --- | --- | --- |
| **Destination** | **America** | **Africa** | **Asia** |
| **Number of males** | 45 | 62 | 37 |
| **Number of females** | 35 | 46 | 25 |

One traveller is to be chosen at random from all those interviewed.

(a) Find the probability that this traveller was going to Africa.

(2)

One female traveller is to be chosen at random from all those interviewed.

(b) Find the probability that this female traveller was going to Asia.

(2)

One traveller is to be chosen at random from those **not** going to America.

(c) Find the probability that the chosen traveller is female.

(2)

(Total 6 marks)