[tex61] **Information of sequenced messages**

In which months of the year do Ellen, Nancy, and Susan have their birthdays? Three messages X, Y, Z about their birthdays are received by persons a, b, c:

Person a receives the messages in the sequence X, Y, Z.

Person b receives the messages in the sequence Z, X, Y.

Person c receives the messages in the sequence Y, Z, X.

The three messages are the following:

X: Nancy's birthday is in April.

Y: Ellen's birthday is in a later month than Nancy's birthday.

Z: Susan's birthday is in the same month as Ellen's birthday.

Find the numerical value of the information contained in the messages X, Y, Z as received by each person a, b, c.