

Decode the following

Answers are on the next page and are spelled backwards.

1. Matrix $A = \begin{bmatrix} 2 & 1 & 1 \\ 5 & 4 & 3 \\ 4 & 3 & 2 \end{bmatrix}$

Coded message: 53, 162, 121, 21, 58, 44, 24, 89, 66

Decoded message: _____

2. Matrix $A = \begin{bmatrix} 1 & 3 & 1 \\ 1 & 2 & 2 \\ 2 & 3 & 4 \end{bmatrix}$

Coded message: 100, 101, 182, 84, 64, 103, 59, 45, 72

Decoded message: _____

3. Matrix $A = \begin{bmatrix} 2 & 1 \\ 2 & 3 \end{bmatrix}$

Coded message: 27, 29, 48, 64

Decoded message: _____

4. Matrix $A = \begin{bmatrix} 3 & 7 \\ 2 & 5 \end{bmatrix}$

Coded message: 71, 49, 45, 32

Decoded message: _____

ANSWERS:

1. *draebgnol*

2. *drahyduts*

3. *htam*

4. *fael*