



## Tutoria 06

a Primeira questão: ~~NNA/RRQ/AAE/RS~~ / ~~MAE/AG/HHNOS~~

|                      |                                     |
|----------------------|-------------------------------------|
| Fita 1 - AAM ORS EN  | ← Separação em 3, já ordenada       |
| Fita 2 - AEG AEM NOS |                                     |
| Fita 3 - AAF AAG -   | X → Fita 4                          |
|                      | Y → Fita 5                          |
| Fita 4 - AAAAAAEEFGM | Z → Fita 6                          |
| Fita 5 - AAEEGMORS   |                                     |
| Fita 6 - EHINOS      | ← Copia da volta as fitas iniciais. |

|                      |                               |
|----------------------|-------------------------------|
| Fita 1 - AAAAAAEEFGM | Fita 4 - AAAAAAEEFEFGHIMNOORS |
| Fita 2 - AAEEGMORS   | → FIM!                        |
| Fita 3 - EHINOS      |                               |

## a Segunda questão:

|                           |                  |
|---------------------------|------------------|
| Fita 1 - AAAAAA AIFNOS    | A* A* F* → A A F |
| Fita 2 - AAEEORS H        | A* M* F* → A M F |
| Fita 3 - AAEEEM           |                  |
| Fita 4 - AAAAAAEEFGGMMORS | F* I* A* → F I A |
| Fita 5 - AHHNORS          |                  |
| Fita 6 -                  | O H* S           |

copia para as fitas ↑

Fita 4 - AAAAAAEEFEFGGHIMNOORS FIM!


$$A^* \quad D^* \rightarrow A \quad A$$
$$A^* \quad M^* \quad \rightarrow \quad A \quad M$$

Diagram illustrating the process of translation:

Left: A ribosome with mRNA (5' to 3') and tRNA carrying amino acids (A, G) moving along it.

Right: A completed polypeptide chain (A-G) attached to the ribosome.

Diagram illustrating the relationship between two sets of data:

|    |     |
|----|-----|
| 1  | 2   |
| 3  | 4   |
| 5  | 6   |
| 7  | 8   |
| 9  | 10  |
| 11 | 12  |
| 13 | 14  |
| 15 | 16  |
| 17 | 18  |
| 19 | 20  |
| 21 | 22  |
| 23 | 24  |
| 25 | 26  |
| 27 | 28  |
| 29 | 30  |
| 31 | 32  |
| 33 | 34  |
| 35 | 36  |
| 37 | 38  |
| 39 | 40  |
| 41 | 42  |
| 43 | 44  |
| 45 | 46  |
| 47 | 48  |
| 49 | 50  |
| 51 | 52  |
| 53 | 54  |
| 55 | 56  |
| 57 | 58  |
| 59 | 60  |
| 61 | 62  |
| 63 | 64  |
| 65 | 66  |
| 67 | 68  |
| 69 | 70  |
| 71 | 72  |
| 73 | 74  |
| 75 | 76  |
| 77 | 78  |
| 79 | 80  |
| 81 | 82  |
| 83 | 84  |
| 85 | 86  |
| 87 | 88  |
| 89 | 90  |
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| 93 | 94  |
| 95 | 96  |
| 97 | 98  |
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| 27 | 28  |
| 29 | 30  |
| 31 | 32  |
| 33 | 34  |
| 35 | 36  |
| 37 | 38  |
| 39 | 40  |
| 41 | 42  |
| 43 | 44  |
| 45 | 46  |
| 47 | 48  |
| 49 | 50  |
| 51 | 52  |
| 53 | 54  |
| 55 | 56  |
| 57 | 58  |
| 59 | 60  |
| 61 | 62  |
| 63 | 64  |
| 65 | 66  |
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| 49 | 50  |
| 51 | 52  |
| 53 | 54  |
| 55 | 56  |
| 57 | 58  |
| 59 | 60  |
| 61 | 62  |
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Fita 4 - AAAAQQQRRRNNQQR