

DESCOBRINDO A CÉLULA



nap
Núcleo de
Acessibilidade
Pedagógica



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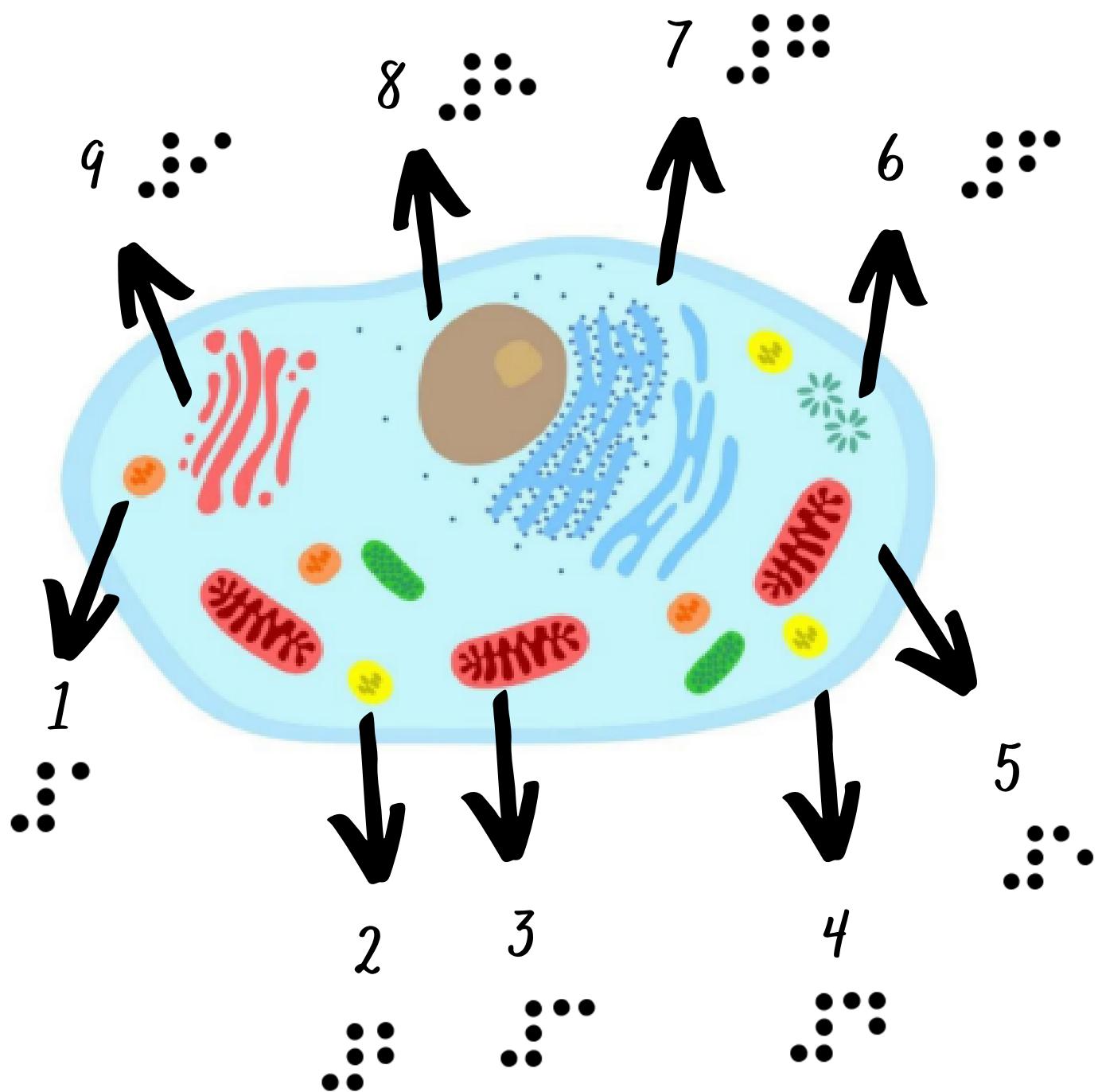
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MEMBRANA
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Célula animal



1- lisosso~~s~~mos

2- peroxisomas

A horizontal sequence of black dots arranged in a grid pattern, representing a binary sequence. The dots are arranged in a grid of approximately 10 columns and 5 rows. The pattern starts with a column of 3 dots, followed by a column of 2 dots, then a column of 3 dots, and so on, creating a repeating sequence of dot counts.

3- mitocôndria

• •

4- membrana plasmática

A decorative horizontal border consisting of a repeating pattern of black dots, arranged in a grid-like fashion.

5- citoplasma

6- centriolo

The image shows a horizontal sequence of Braille characters. Each character is a 2x3 grid of dots. The sequence reads: a dot in the top-left, a dot in the middle-left, and a dot in the bottom-left; followed by a dot in the top-middle; followed by a dot in the top-right, a dot in the middle-right, and a dot in the bottom-right; followed by a dot in the top-middle; followed by a dot in the top-right, a dot in the middle-right, and a dot in the bottom-right; followed by a dot in the top-right.

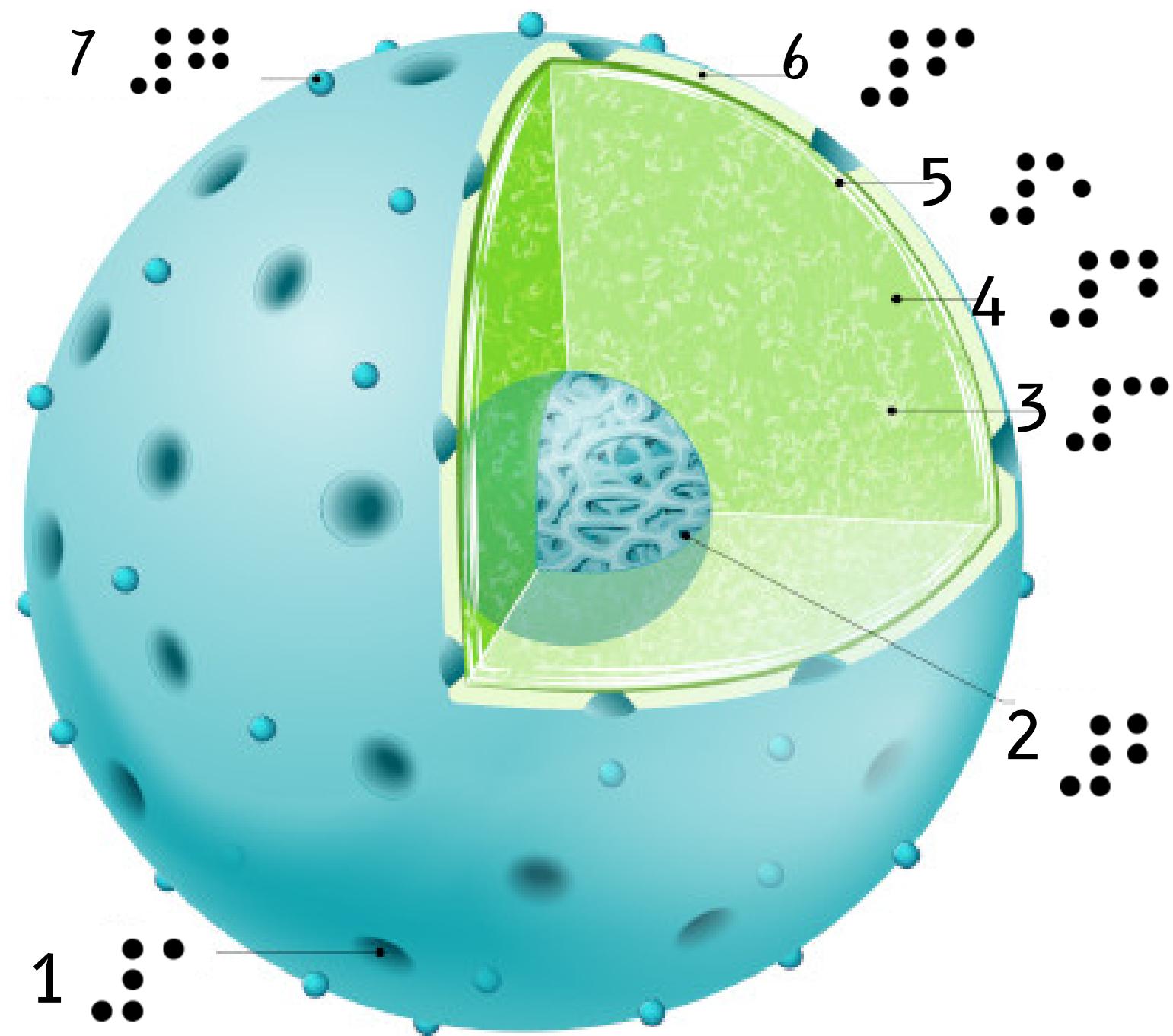
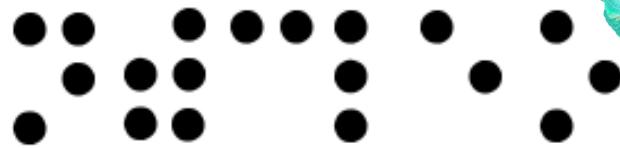
7- retículo endoplasmático liso e rugoso

8- núcleo

9- complexo golgiense

The image shows a single row of Braille characters. From left to right, the characters represent the letters H, E, L, L, O. Each character is a 2x3 grid of dots. The first dot in each grid is raised, indicating a vertical stroke. The second dot from the top-left is also raised, indicating a diagonal stroke. The third dot from the top-left is raised, indicating a horizontal stroke. The fourth dot from the top-left is raised, indicating another diagonal stroke. The fifth dot from the top-left is raised, indicating another horizontal stroke. The sixth dot from the top-left is raised, indicating another diagonal stroke.

Núcleo



1- poro

A 3x3 grid of nine black dots arranged in three rows and three columns.

2- nucléolo

33 33 33 33 33 33

3- cromatina

4-nucleoplasma

The image shows a horizontal sequence of Braille characters. Each character consists of a 2x5 grid of dots. The sequence reads: J (top row: dots 1, 2; bottom row: dots 1, 2), A (top row: dots 1, 3; bottom row: dots 1, 3), P (top row: dots 1, 4; bottom row: dots 1, 4), A (top row: dots 1, 5; bottom row: dots 1, 5), N (top row: dots 2, 3, 4; bottom row: dots 2, 3, 4). This corresponds to the Braille representation of the word 'JAPAN'.

5- lâmina nuclear

J'.

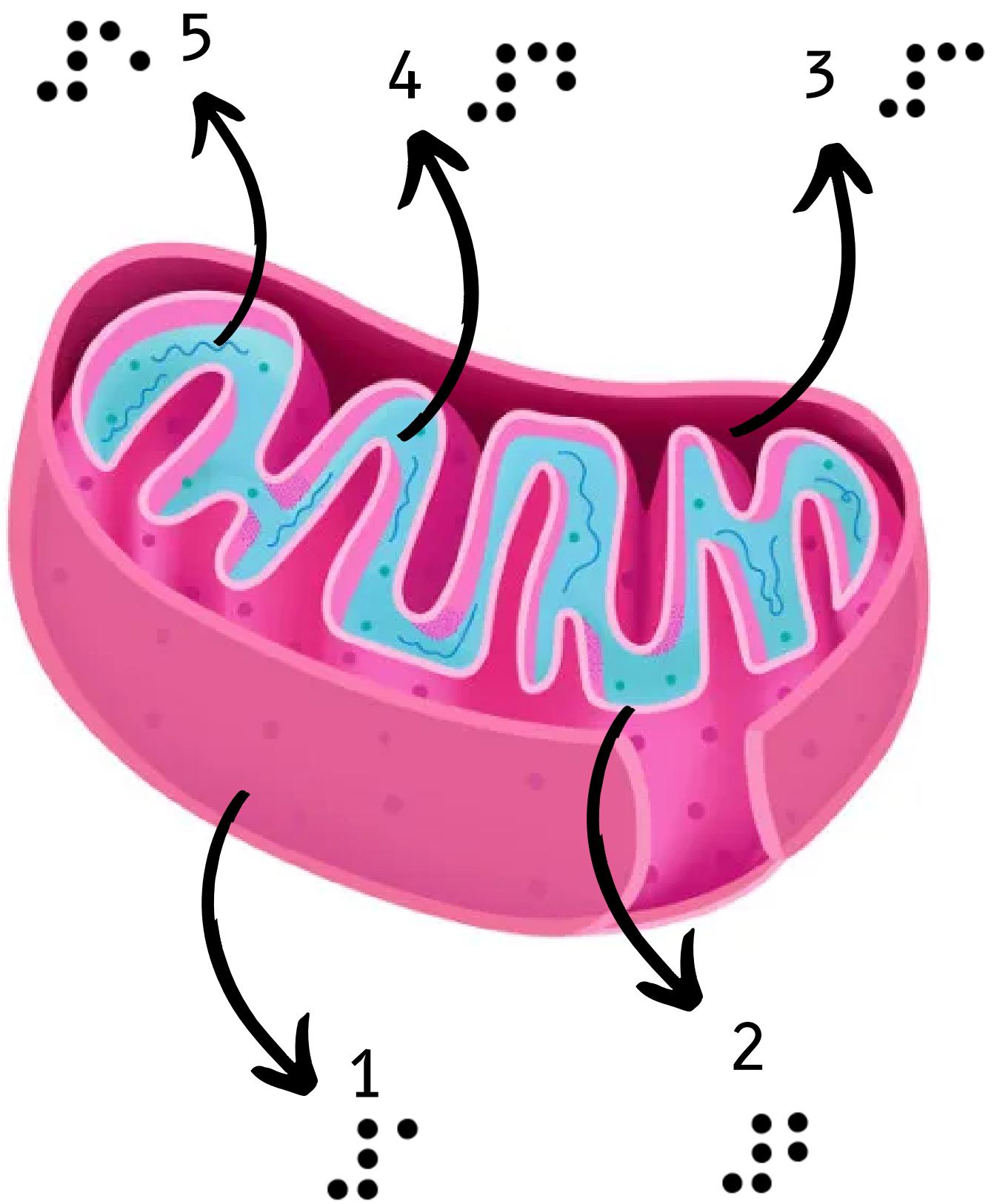
6- envoltório nuclear

A 4x10 grid of black dots, representing binary data as a series of 1s and 0s. The pattern is as follows:
Row 1: 1, 1, 1, 1, 1, 1, 1, 1, 1, 1
Row 2: 1, 0, 1, 0, 1, 0, 1, 0, 1, 0
Row 3: 0, 1, 0, 1, 0, 1, 0, 1, 0, 1
Row 4: 1, 0, 0, 1, 0, 0, 1, 0, 0, 1

7-ribosoma

The image shows a sequence of binary digits (0s and 1s) represented by black dots. The sequence is as follows: three vertical columns of two dots each (representing 00), followed by a horizontal row of four columns, each containing one dot (representing 1). This pattern repeats five times.

Mitocôndria



1- membrana externa

2- membrana interna

A horizontal sequence of black dots. The pattern starts with three dots on the left, followed by two pairs of two dots each, then a single dot, then two pairs of two dots each, and ends with one dot on the far right. This creates a visual effect of narrowing and then widening.

3- espaço intermembranoso

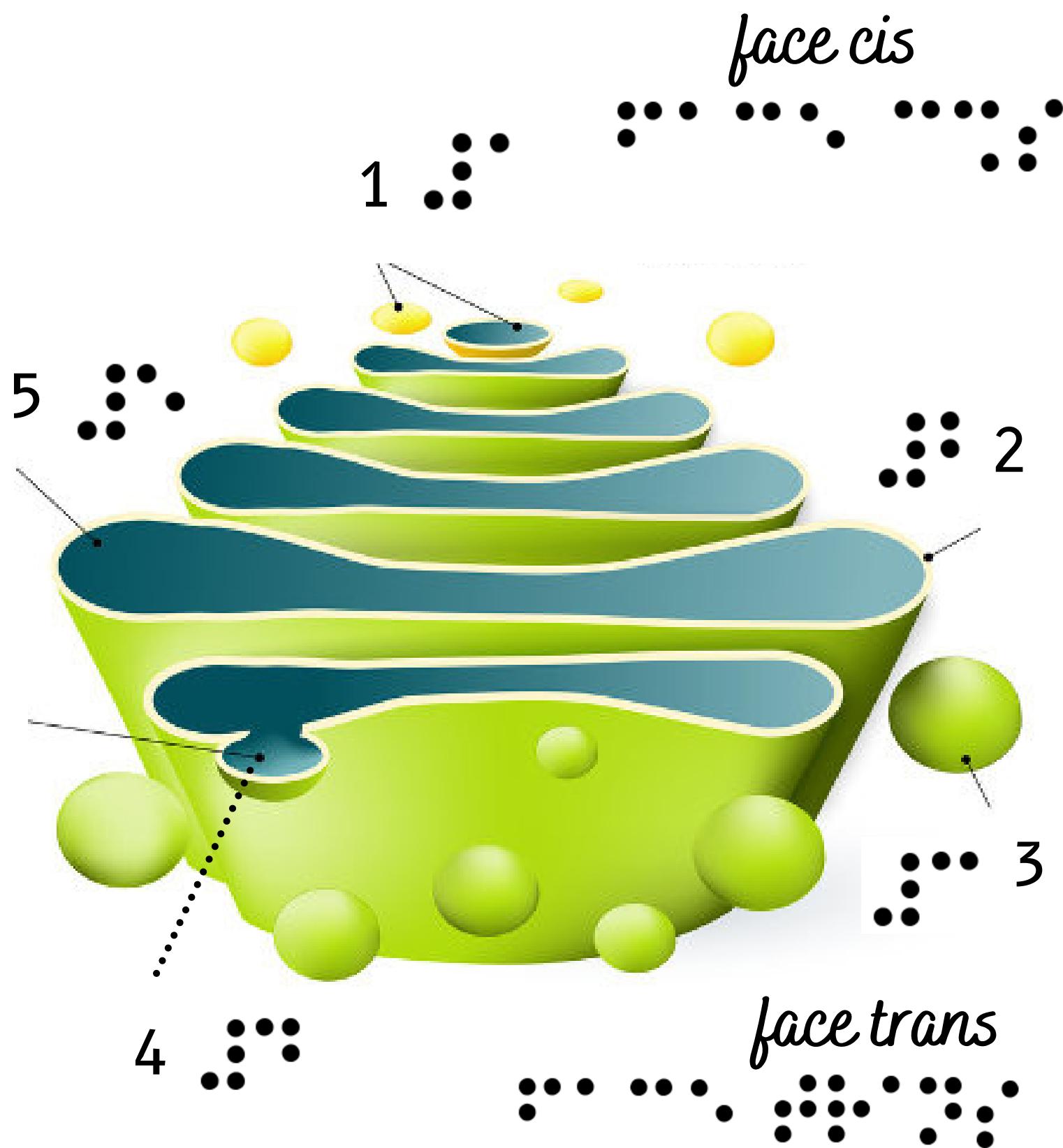
A decorative horizontal separator consisting of a series of black dots arranged in a repeating pattern of vertical columns and horizontal rows.

4-matrix

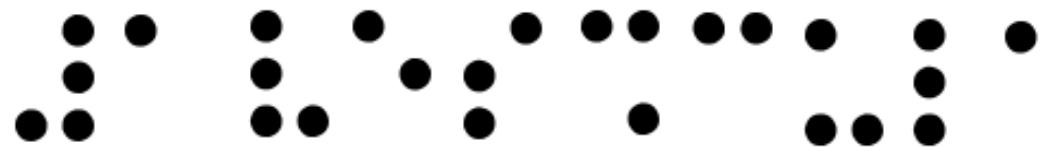
The image shows a horizontal sequence of black dots. On the left, there is a cluster of four dots arranged in two rows: one dot at the top and three at the bottom. This is followed by a gap of four empty spaces. To the right of the gap, the sequence continues with a group of five dots. This pattern repeats three more times, each time with one less dot than the previous group. The final group on the far right consists of two dots.

5-dna mitochondrial

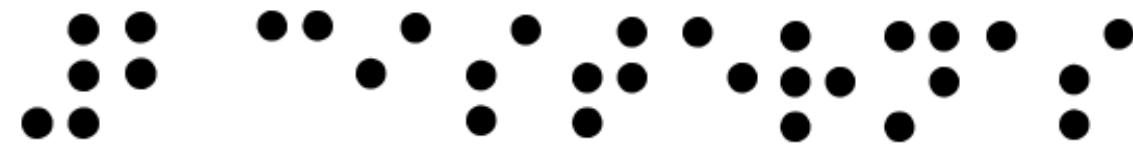
Complexo Golgiense



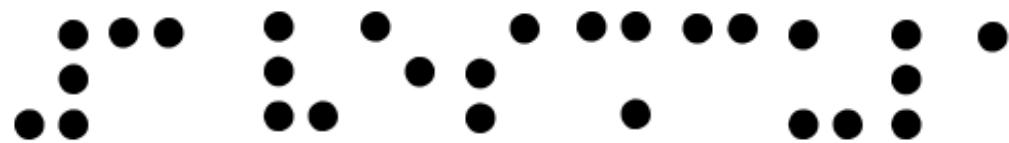
1- vesículas



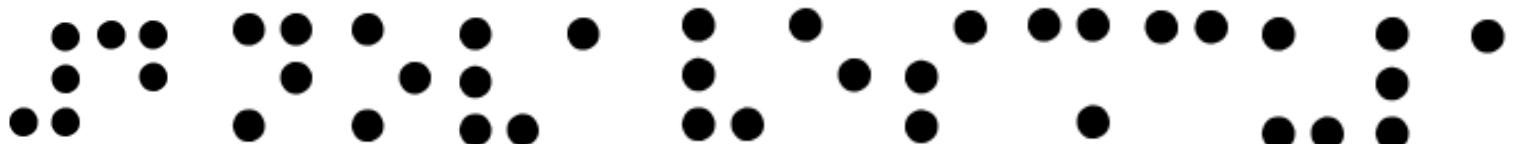
2- cisternas



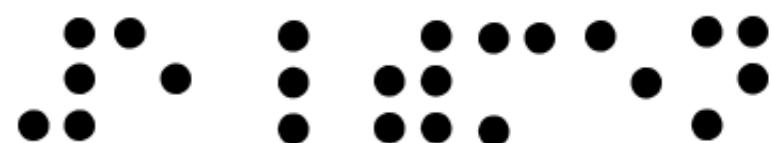
3- vesícula secretora



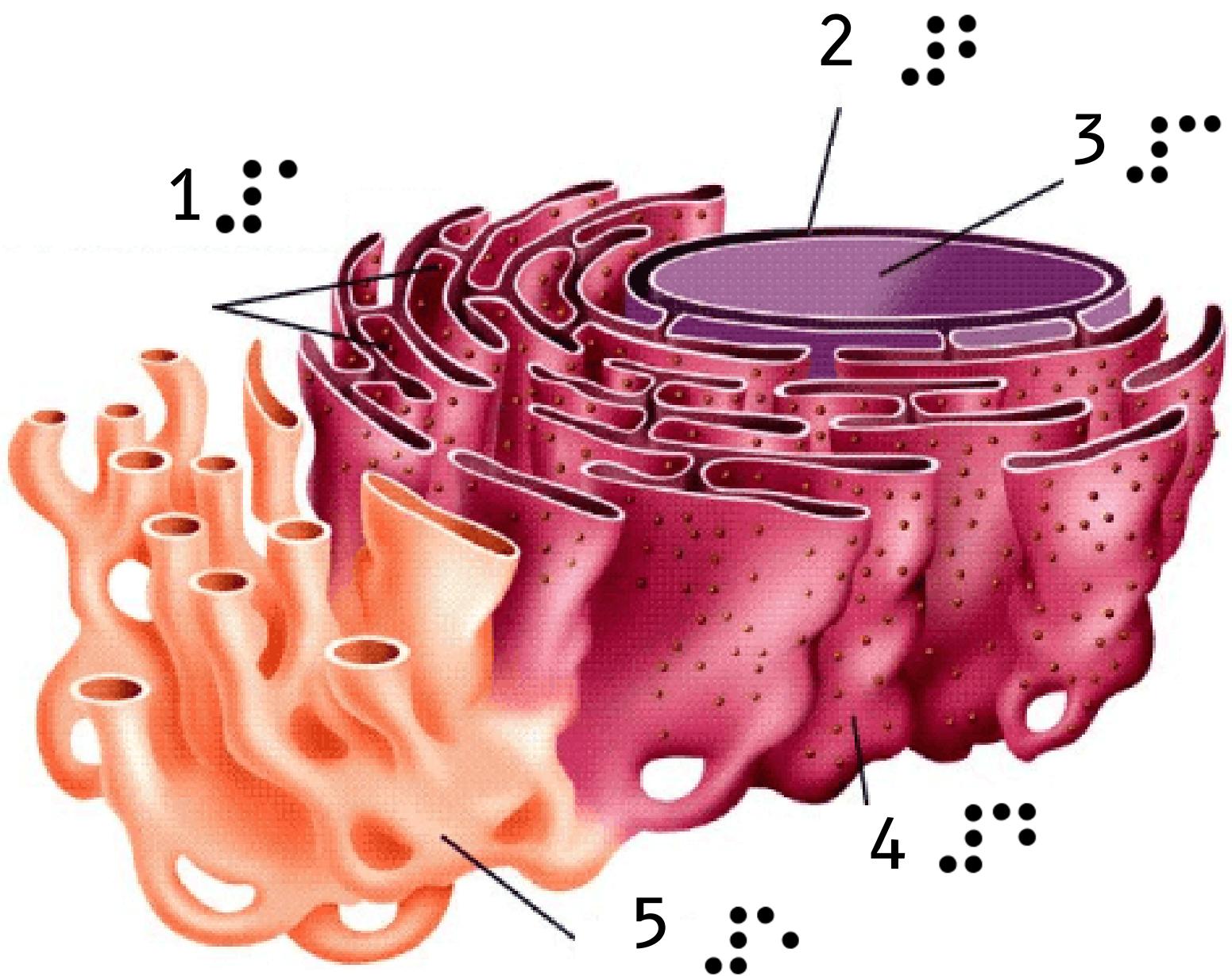
4- nova vesícula



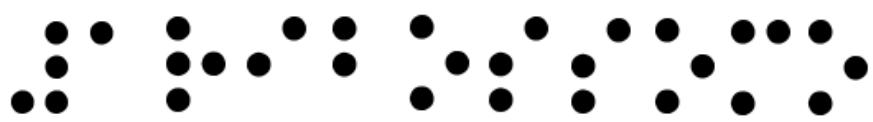
5- lumen



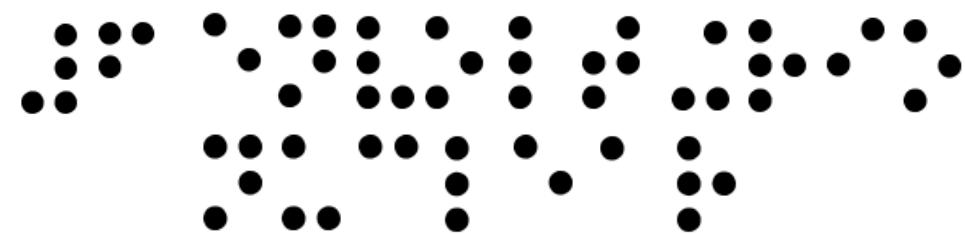
Retículo Endoplasmático



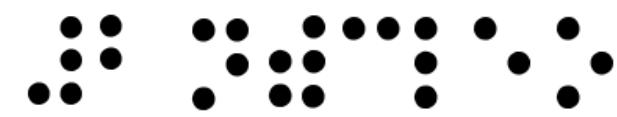
1- ribossomos



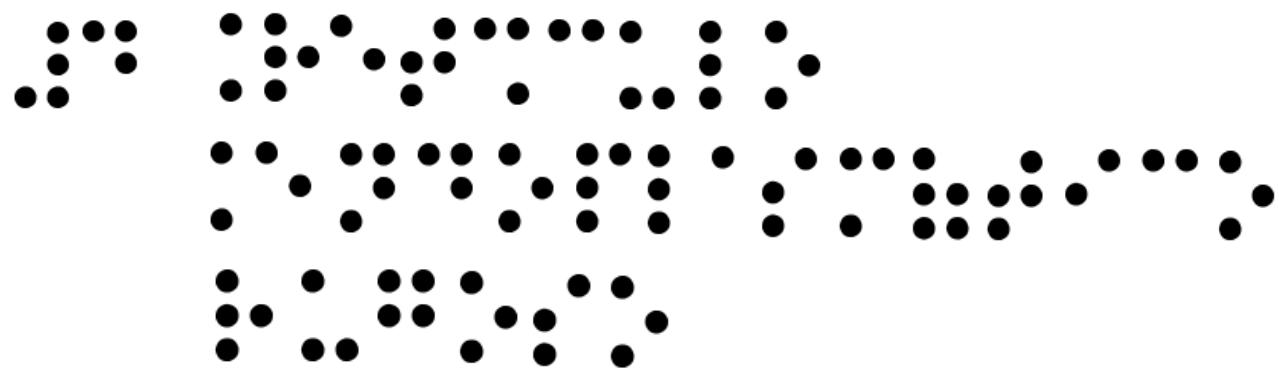
2- envoltório nuclear



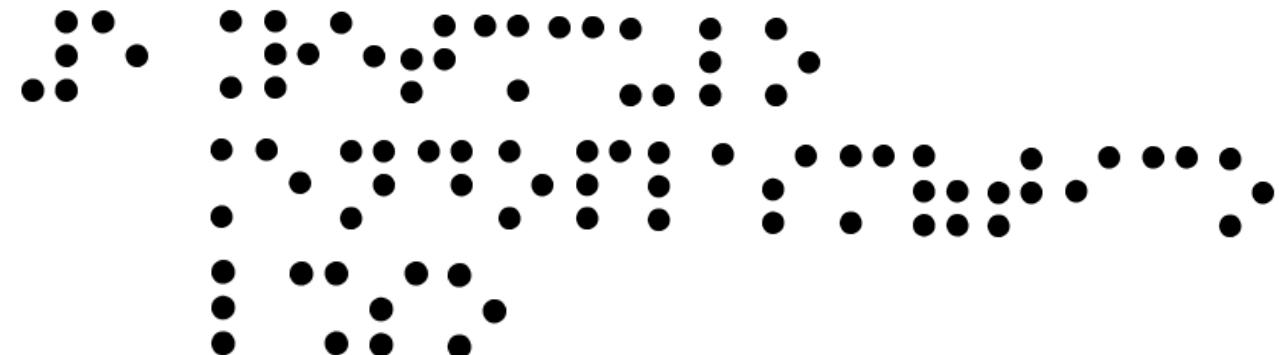
3- núcleo



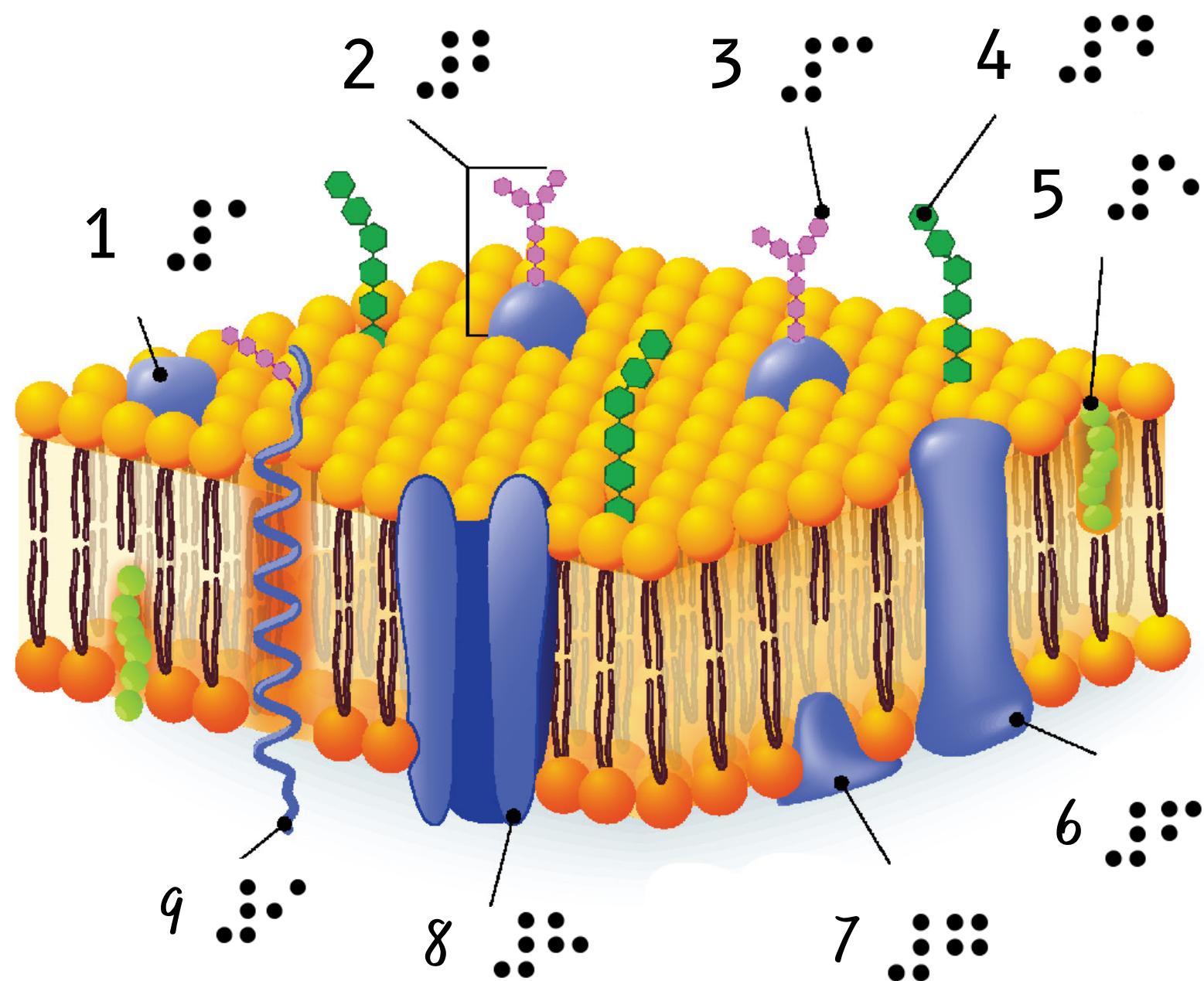
4- retículo endoplasmático rugoso



5- retículo endoplasmático liso



Membrana plasmática



1- proteína globular

The image shows a single row of Braille characters. From left to right, the characters are: a single dot (representing 'W'), a two-dot character (representing 'O'), a three-dot character (representing 'R'), a four-dot character (representing 'L'), a five-dot character (representing 'D'), and a six-dot character (representing a punctuation mark). The characters are arranged horizontally, separated by small gaps.

2- glicoproteína

3- carboidrato

The image shows a horizontal sequence of ten Braille characters. Each character consists of a 2x3 grid of dots. The first character has dots in positions (1,1), (1,2), (1,3), (2,1), and (2,3). The second character has dots in positions (1,1), (1,2), (1,3), (2,1), and (2,2). The third character has dots in positions (1,1), (1,2), (1,3), (2,1), and (2,3). The fourth character has dots in positions (1,1), (1,2), (1,3), (2,1), and (2,2). The fifth character has dots in positions (1,1), (1,2), (1,3), (2,1), and (2,3). The sixth character has dots in positions (1,1), (1,2), (1,3), (2,1), and (2,2). The seventh character has dots in positions (1,1), (1,2), (1,3), (2,1), and (2,3). The eighth character has dots in positions (1,1), (1,2), (1,3), (2,1), and (2,2). The ninth character has dots in positions (1,1), (1,2), (1,3), (2,1), and (2,3). The tenth character has dots in positions (1,1), (1,2), (1,3), (2,1), and (2,2).

4- glicolipídeo

The image shows a sequence of Braille characters arranged horizontally. The first character consists of two dots in the top row and three dots in the bottom row. The second character has four dots in the top row and three dots in the bottom row. The third character has one dot in the top row and five dots in the bottom row. The fourth character has one dot in the top row and four dots in the bottom row. The fifth character has one dot in the top row and five dots in the bottom row. The sixth character has one dot in the top row and four dots in the bottom row. The seventh character has one dot in the top row and five dots in the bottom row. The eighth character has one dot in the top row and four dots in the bottom row.

5- colesterol

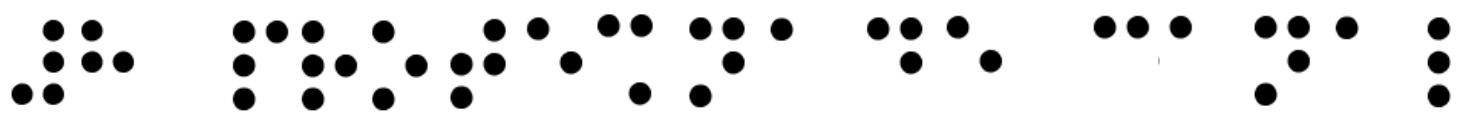
A decorative horizontal border consisting of a repeating pattern of black dots, arranged in a grid-like fashion.

6-proteína integral

A horizontal row of 15 black dots, arranged in a single line, representing the number fifteen.

7-proteína periférica

8-proteína de canal



9-proteína alfa-hélice

