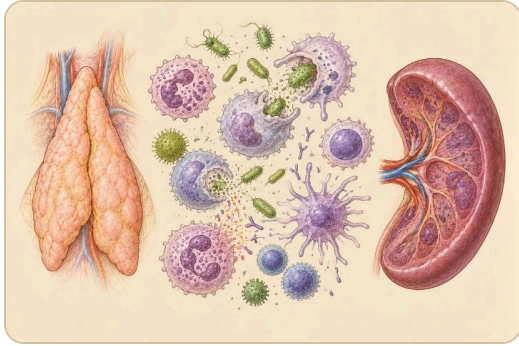


Name: _____

Date: _____

How does the body fight germs?



READ

The body has a defense army (just a comparison). First, skin and mucus keep germs out. If one gets through, white blood cells attack. Some keep a "photo" of the germ so next time the body defends itself faster. That is how vaccines work.

1 Which part is it? Use the words in the box.

Bone marrow (inside bones)

Thymus

Skin (first barrier)

1. Skin is like a wall around the body (just a comparison). Germs can't get through it when it is unbroken.
2. Inside some bones is a soft part that makes blood, including white blood cells, the defense cells.
3. It sits in the chest and works like a school for defense cells (just a comparison): it teaches them to attack germs and not the body itself.

2 True or false? Write T or F.

- ☐ 1. **Skin (first barrier):** training T cells
- ☐ 2. **Intestine:** hosting defenses and good bacteria
- ☐ 3. **Bone marrow (inside bones):** making defense cells
- ☐ 4. **Thymus:** keeping germs out

3 Think and answer

How do vaccines work?



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Answer key: How does the body fight germs?

1 Which part is it?

1. Skin (first barrier)
2. Bone marrow (inside bones)
3. Thymus

2 True or false?

1. F (Skin (first barrier): keeping germs out)
2. T
3. T
4. F (Thymus: training T cells)

3 Think and answer

A vaccine shows the body part of a germ, or a weakened germ, without causing the disease.

