VOLUME

A DEFINITION

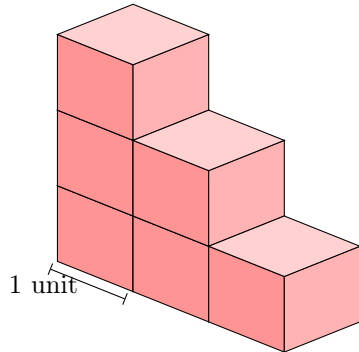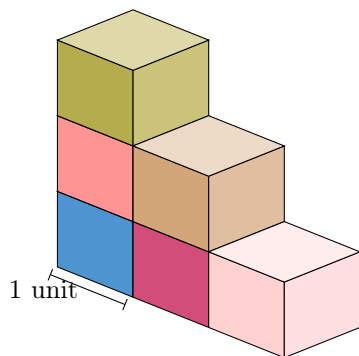### A.1 FINDING VOLUME OF A SOLID

Ex 1: What is the volume of the red solid?
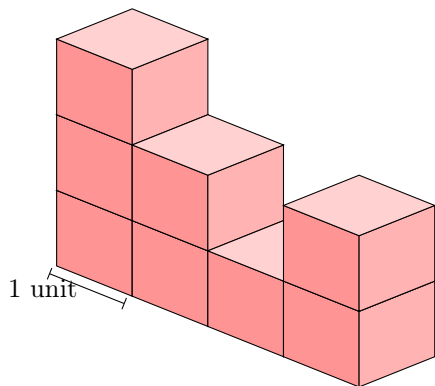
1 unit

6 cubic units

Answer: To find the volume, we count the number of unit cubes inside the shape.
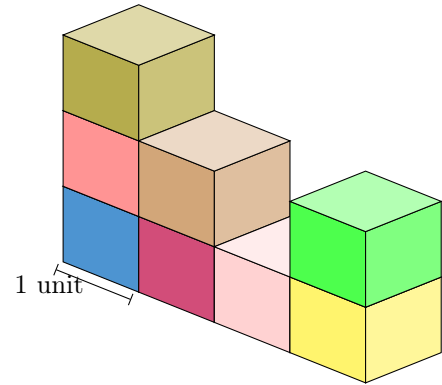
1 unit

The volume is 6 cubic units.

Ex 2: What is the volume of the red solid?

1 unit

8 cubic units

Answer: To find the volume, we count the number of unit cubes inside the shape.

1 unit

The volume is 8 cubic units.

Ex 3: What is the volume of the red solid?

1 unit

7 cubic units

Answer: To find the volume, we count the number of unit cubes inside the shape.

1 unit

The volume is 7 cubic units.

Ex 4: What is the volume of the red solid?

1 unit

Answer: To find the volume, we count the number of unit cubes inside the shape.

The volume is 9 cubic units.

A.2 FINDING VOLUME OF A RECTANGULAR CUBOID

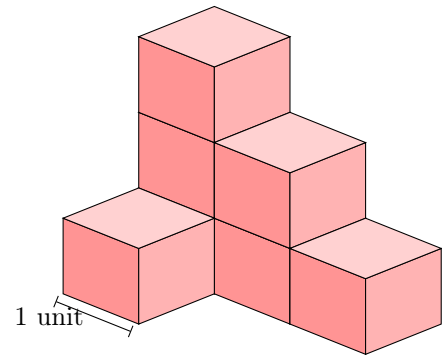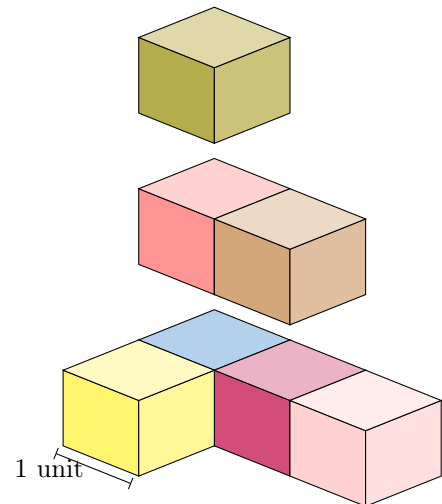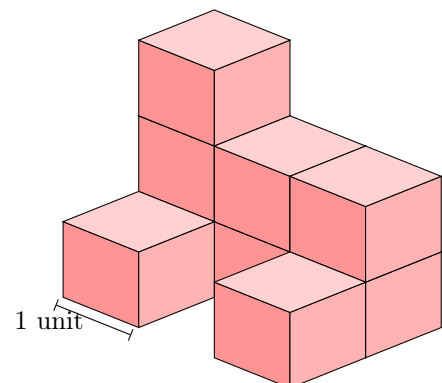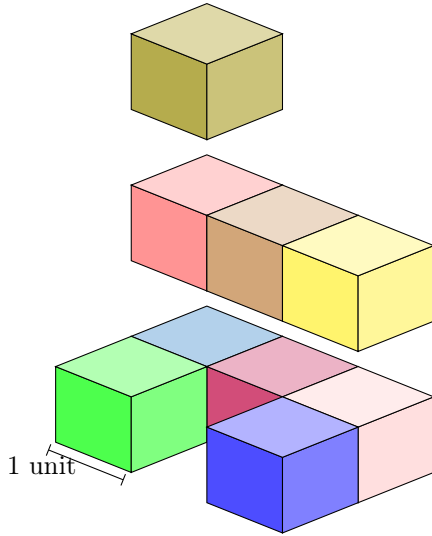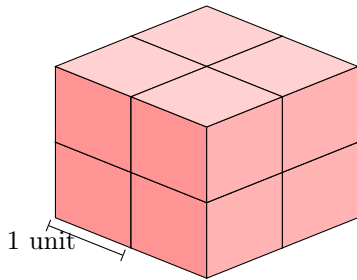**Ex 5:** What is the volume of the red solid?

8 cubic units

Answer: To find the volume, we count the number of unit cubes inside the shape.
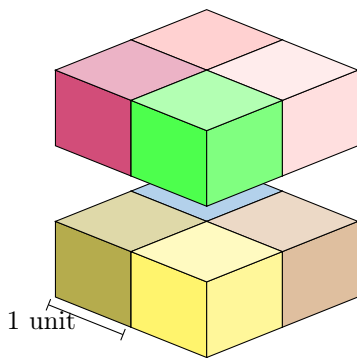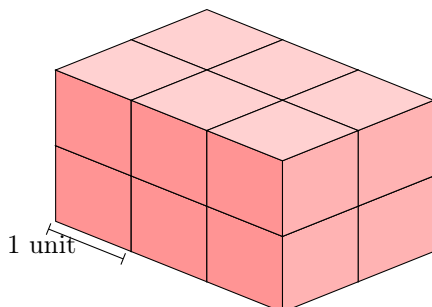
The volume is 8 cubic units.

Ex 6: What is the volume of the red solid?

Answer: To find the volume, we count the number of unit cubes inside the shape.
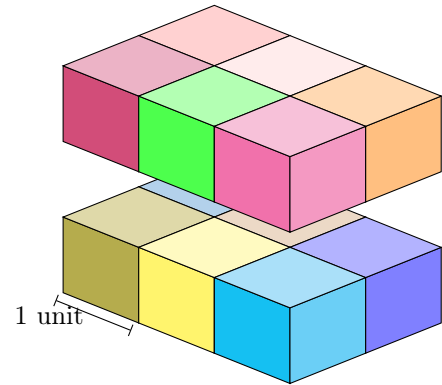
The volume is 12 cubic units.

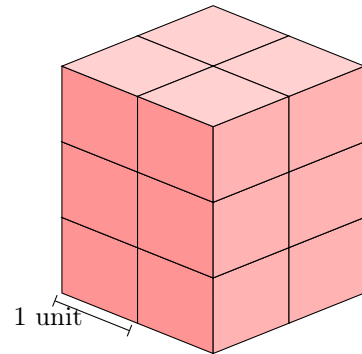**Ex 7:** What is the volume of the red solid?

12 cubic units

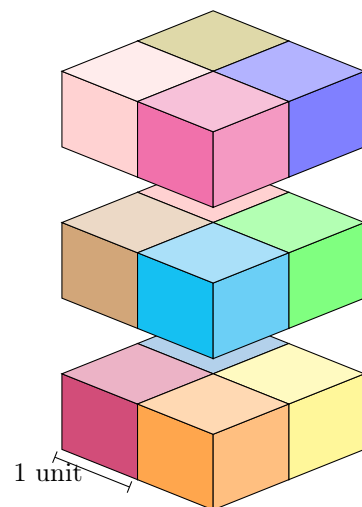*Answer:* To find the volume, we count the number of unit cubes inside the shape.

The volume is 12 cubic units.

Ex 8: What is the volume of the red solid?
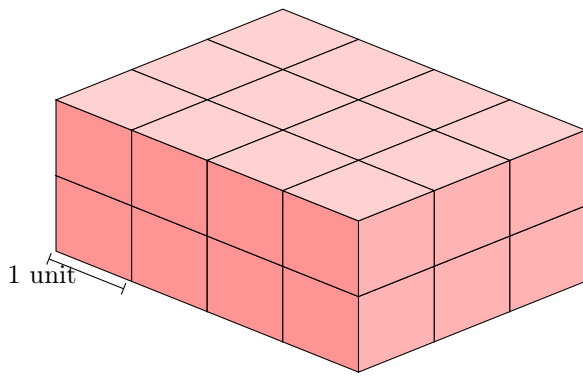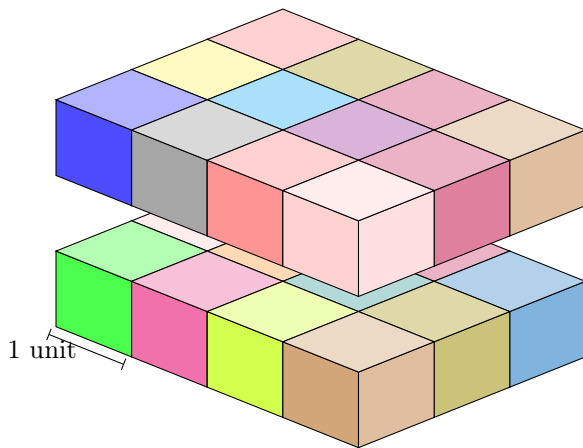
24 cubic units

Answer: To find the volume, we count the number of unit cubes inside the shape.

The volume is 24 cubic units.