1. Modify the following texts so that the statements are true.

Cloud computing is a (~~centralized~~ / distributed) computing paradigm that focuses on providing a (~~narrow~~ / wide) range of users with (~~centralized~~ / distributed) access to scalable, virtualized hardware and/or software infrastructure over (~~mobile networks~~ / Internet).

Resources in the cloud (are / ~~are not~~) transparent to the users, and the users (~~need~~ / do not need) to know their exact location.

If used properly, cloud computing is a technology with great opportunity for businesses of (small / medium / big) size.

The main challenge with cloud computing is (security, including privacy / ~~lack or limited control~~).

The consumer (can / ~~can not~~) unilaterally provision computing capabilities (automatically / ~~hand operated~~).

Most implementations of (scalability / ~~broad network access~~) are based on adding or removing nodes or servers.

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2. Mark the true statements.

T Cloud computing capabilities are available over the network and accessed through different client platforms thanks to the use of standard mechanisms.

F On-demand self-service does not imply a high level of planning.

T There are numerous cloud computing services that are either written entirely in open source code, or at least incorporating open source into the final application.

F Cloud service is an application program that functions in the cloud, with some characteristics of a pure desktop app and some characteristics of a pure Web app.

T The architecture of a cloud solution is the structure of the system, which typically comprises cloud resources, services, network, middleware, and software components, the externally visible properties of those, and the relationships between them.

T Middleware is the software that makes possible the connection between any two clients, servers, databases or even applications.

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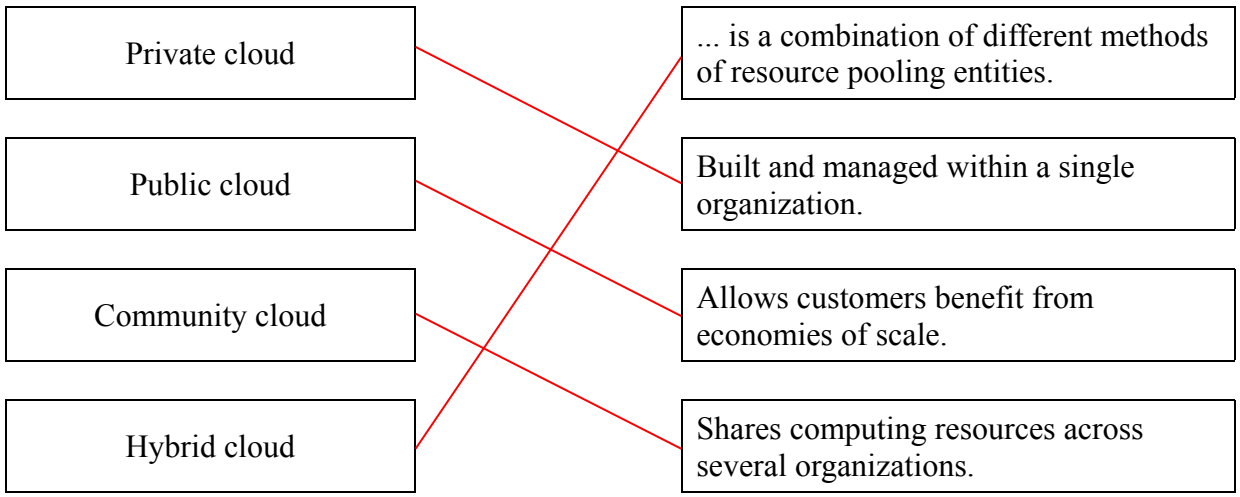
3. Assign the terms from the left column to the corresponding on the right.



4. Fill the numbers of correct statements

2
3
6
7

1 – Cloud users need to invest in information technology infrastructure, purchase hardware, or buy software licenses.

2 – Cloud computing allows a business to use, access and pay only for what they use, with a fast implementation time.

3 – All access to the cloud is done via the internet, introducing latency into every communication between the user and the provider.

4 – The amount of control that the user has over the cloud provider and its resources do not greatly vary between providers.

5 – Adequate or timely data deletion is always possible in cloud computing

6 – The problem of data protection risk for cloud customers increases in cases of multiple transfers of data, e.g., between federated clouds.

7 – Cloud services do not require users to have sophisticated computers that can run specialized software.

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