Question 1
What is authorization? 1 / 1 point

The process of a user proving that they are who they say they are in the system
==The concept of granting access to specific resources in a system==
The concept of granting only the minimal access and authorization required to complete a task or function
The process of temporarily granting elevated permissions to specific users
Correct
Authorization is the concept of granting access to specific resources in a system.

Question 2
Which of the following statements correctly describe the file permissions string -rw-rw-rw-? Select two answers. 1 / 1 point

The file type is a directory.
==The user has write permissions.==
Correct
The 3rd character of the file permissions string -rw-rw-rw- indicates that the user has write permissions, and the 5th character of the file permissions string -rw-rw-rw- indicates that the group has read permissions.
==The group has read permissions.==
Correct
The 3rd character of the file permissions string -rw-rw-rw- indicates that the user has write permissions, and the 5th character of the file permissions string -rw-rw-rw- indicates that the group has read permissions.
The user and group have execute permissions.

Question 3
A security professional enters chmod g+w access.txt into the command line. What does this command tell the operating system to do? 1 / 1 point
==Add write permissions to the group for the access.txt file==
Remove write permissions from the group for the access.txt file
Add write permissions to the user for the access.txt file
Remove write permissions from the user for the access.txt file
Correct
The command chmod g+w access.txt tells the operating system to add write permissions to the group.

Question 4
Which of the following commands typically must be used with sudo? Select three answers. 1 / 1 point
<mark>useradd</mark>
Correct
The useradd, userdel, and chown commands must typically be used with sudo. The useradd command adds a user to the system, userdel deletes a user from the system, and chown changes ownership of a file.
<mark>chown</mark>
Correct
The useradd, userdel, and chown commands must typically be used with sudo. The useradd command adds a user to the system, userdel deletes a user from the system, and chown changes ownership of a file.
chmod
<mark>userdel</mark>
Correct
The useradd, userdel, and chown commands must typically be used with sudo. The useradd command adds a user to the system, userdel deletes a user from the system, and chown changes ownership of a file.

Question 5
A security analyst is updating permissions on a directory named projects. The current permissions are drwxrw-r--. They want to add execute permissions for the group. What do they enter on the command line? 1 / 1 point

chmod x+x projects
chmod g-x projects
chmod u-x projects
<mark>chmod g+x projects</mark>
Correct
They enter chmod g+x projects. This command adds execute permissions for the group.