Which of the following types of authentication would be considered “something you are”?

PIN

Password

Biometrics

Certificate

Answer: c

Explanation: Biometrics include fingerprints, retina scans, and facial scans. These are considered something you are, since they measure your physical characteristics.

Your company uses a fingerprint-based system for users to log in to their workstations. When you arrived at work this morning, you placed your finger on the biometric reader but the system identified you as an unauthorized user even though you know your account is valid. How should this be categorized?

False acceptance

False rejection

False positive

False negative

Answer: B

Explanation: Since you work for the company and are an authorized user, the system is incorrectly identifying you as unauthorized. This is called a false rejection since you are incorrectly being denied access to the system.

Which of the following is the least secure type of lock?

Padlock

Cipher lock

Biometric lock

Electronic lock

Answer: A

Explanation: A padlock is a simple type of lock using a pin and tumbler system. An attacker can bypass this type of lock in less than a minute. Cipher locks (mechanical pin-based lock) is much more secure, as is a biometrically-controlled lock or an electronic-access lock (like a wireless frequency or an electronic pin-controlled lock).