

Components

TOTAL POINTS 4

1. What characteristics distinguish a Solid State Drive from a Hard Disk Drive? Check all that apply.

1 / 1 point

☒ Non-moving parts

Correct

Right on! SSDs have non-moving parts, are a smaller form factor, and also utilize non-volatile memory.

☐ High RPMs

☒ Smaller form factor

Correct

Right on! SSDs have non-moving parts, are a smaller form factor, and also utilize non-volatile memory.

☐ Uses Disk Platters

2. True or false: If you plug in a 220v appliance into a 120v outlet, the appliance could get damaged.

1 / 1 point

☒ TRUE

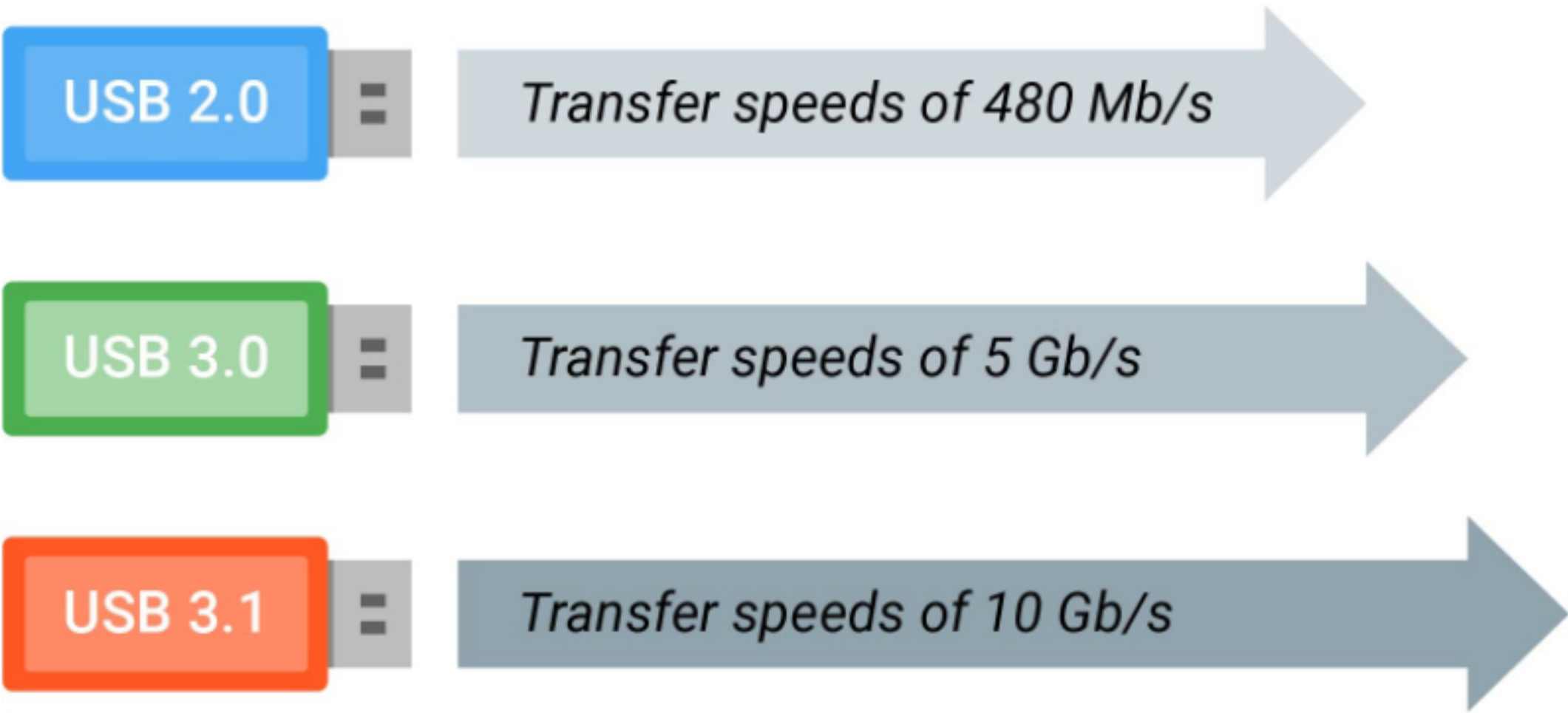
☐ FALSE

Correct

You got it! While plugging a 220v appliance into a 120v outlet won't cause immediate harm to your appliance, it could still cause appliance deterioration.

3. How long will it take to transfer a file size of 1GB on a USB 2.0 and a USB 3.0 drive?

1 / 1 point



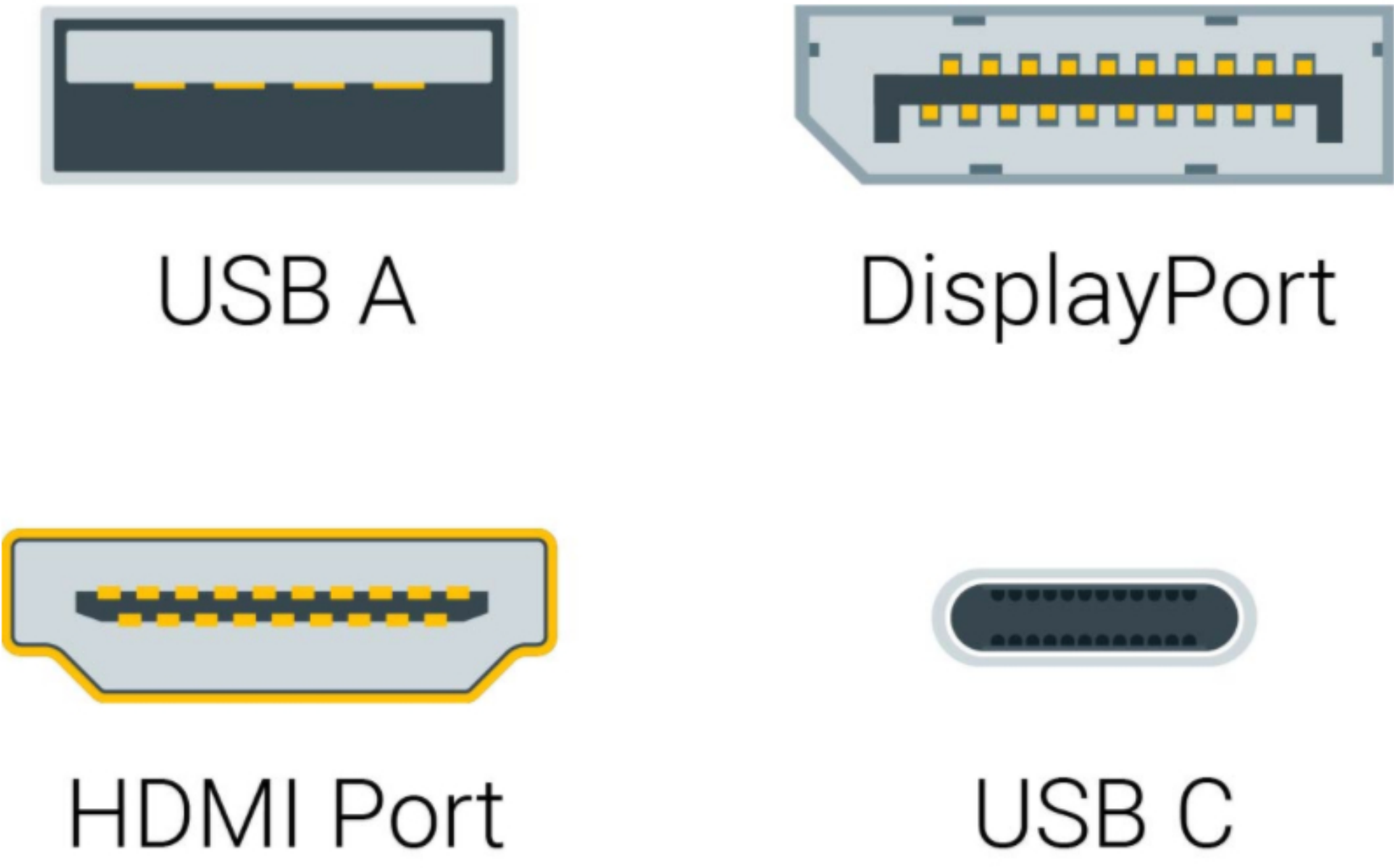
- ☐ ~ 20 seconds on a USB 2.0 drive; ~.02 seconds on a USB 3.0 drive
- ☒ ~ 17 seconds on a USB 2.0 drive; ~2 seconds on a USB 3.0 drive
- ☐ ~17 seconds on a USB 2.0 drive; ~.02 seconds on a USB 3.0 drive
- ☐ ~20 seconds on a USB 2.0 drive; ~2 seconds on a USB 3.0 drive

Correct

Great job! Theoretically, USB 2.0 has a bandwidth of 480 Mb/s, which is roughly 60 MB/s. It would take around 17 seconds to transfer 1024 MB of data.

4. Which of these is used to charge devices? Check all that apply.

1 / 1 point



☐ Picture of DisplayPort.

☒ Picture of USB A.

Correct

Well done, you! These are types of USB ports.

☐ Picture of HDMI Port.

☒ Picture of USB C.

Correct

Well done, you! These are types of USB ports.