

Name _____ Date _____

3.2 Secondary storage devices

Getting started

Tick (✓) one box on each row to identify the type of storage each storage device is an example of.

Storage device	Magnetic	Optical	Solid-state
USB memory stick			
HDD			
Flash memory card			
Blu-ray			
SSD			
DVD			
CD			

Practice

The table gives five characteristics of secondary storage devices. For each column, rate the devices from 1 (best) to 7 (worst). For example, if the DVD has the largest capacity out of all the devices it would be given 1, if a CD has the smallest capacity it would be given 7. Two devices can be given the same rating if there are similarities.

Storage device	Capacity	Cost per megabyte	Durability	Access speed	Portability
USB memory stick					
HDD					
Flash memory card					
Blu-ray					
SSD					
DVD					
CD					

Challenge

For each scenario, identify the most appropriate (a) type of storage device, (b) name of storage device, and justify your answer.

- 1 A student needs to transport their homework word documents from home to school.

- 2 A film company needs to back up the contents of their server.

- 3 A company is building tablet computers and needs to select an appropriate secondary storage device to be built into the tablets.
