**Drive Types**

Use this worksheet to record the advantages and disadvantages of different types of storage.

|  |  |
| --- | --- |
| **Rotational (Hard Disk) Drives** | |
| See the source image | |
| Advantages | Disadvantages |
|  |  |

|  |  |
| --- | --- |
| **Solid State Drives** | |
| See the source image | |
| Advantages | Disadvantages |
|  |  |

|  |  |
| --- | --- |
| **NAND Flash Storage** | |
| [Image result for fusion io](https://www.google.com/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=2ahUKEwjn8cLCv9fhAhUKzYUKHaEyARYQjRx6BAgBEAU&url=https%3A%2F%2Fwww.storagereview.com%2Ffusionio_iodrive2_duo_slc_application_accelerator_review_12tb&psig=AOvVaw0sL-8VhlaAop2w0NCghjm3&ust=1555603164129602) | |
| Advantages | Disadvantages |
|  |  |

|  |  |
| --- | --- |
| **Flash Storage (USB / Thumb Drives)** | |
| See the source image | |
| Advantages | Disadvantages |
|  |  |

|  |  |
| --- | --- |
| **Tape Storage** | |
| [Image result for tape storage](https://www.google.com/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&ved=2ahUKEwilpbyVwNfhAhWt4IUKHXZuDdQQjRx6BAgBEAU&url=https%3A%2F%2Fwww.nigeriadatarecovery.com%2Fstorage-tapes-recovery-migration%2F&psig=AOvVaw21EGwrdN_M3op6OxLDrVfF&ust=1555603317972083) | |
| Advantages | Disadvantages |
|  |  |

Now, use the information above to rank each type of drive on a scale of 1-10, where 1 is ‘not very’   
and 10 is ‘greatly so’.

Each score should reflect how characteristics of each storage type affect a range of factors – capacity, speed, portability, reliability, durability and cost.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Type | Capacity | Speed | Portability | Reliability | Durability | Cost |
| Hard Disk |  |  |  |  |  |  |
| Solid State |  |  |  |  |  |  |
| Flash NAND |  |  |  |  |  |  |
| Flash/USB |  |  |  |  |  |  |
| Tape |  |  |  |  |  |  |