HEADPHONES

Headphones are listening devices that are placed over, on, or in the ears of a user depending on the type at use. Headphones allow a user to listen to the desired sound that the user wants to hear such as music, a tape recording, etc. Unlike headsets, which have a microphone attached to them, headphones contain only speakers, which allows a user to hear sound output, but do not have microphones, so no recording is possible with headphones.

TYPES OF HEADPHONES

Earbuds – sits loosely in your outer ears. They don’t produce outstanding sound, but they’re compact and relatively inexpensive.
Pros: portable, compact, inexpensive
Cons: mediocre sound, no isolation, often cheap quality

In-ear-canal headphones – also known as canalphones, these use ear tips that fit snugly-and fairly deep- in your ear canals. They block external noise, so they are great for travel and noisy environments. However, some people find canalphones to be uncomfortable, and the best ones are very expensive.
Pros: portable, compact, great noise isolation and sound quality
Cons: uncomfortable for some, block environment around you

Canalbuds – generally use smaller ear tips than the latter and sit just inside the ends of your ear canals. They tend to be more comfortable than true canalphones and they are usually less expensive.
Pros: portable, compact, good sound quality
Cons: mediocre noise isolation, sound quality not as good as that of true canalphones

Lightweight headphones—use larger drivers than earbuds, canalphones, and canalbuds, and their similarly larger earpieces rest against the outside of the ears. Most have a thin headband that goes over or behind the head. Some use a small clip on each earpiece that slips over the ear. The best produce impressive sound quality.
Pros: portable, comfortable, good bass response
Cons: not as compact as earbuds
**Full-size headphones** — fully cover or surround your years and good ones sound better than good lightweight models. Many are comfortable thanks to generous padding and ergonomic designs. Some full-size headphones require more juice than a computer.

Pros: comfortable, great sound quality, solid bass response
Cons: big and bulky

**Noise-Canceling headphones** — using active circuitry in addition to passive noise isolation, these models sample outside sound and then pipe in an inverse audio signal to cancel out or at least reduce a good amount of monotonous noise, making them great for travel or use in noisy office and they are easier to put on and take off than in-ear-canal headphones. They let your hear what is going on around you. They provide the best isolation and audio quality.

Pros: comfortable, good noise isolation and reduction
Cons: can be big and bulky, rarely great audio quality, some models require batteries

**Bluetooth stereo headphones**— let your stream audio from recent computers, smartphones, and tablets. Most also double as headsets, letting you switch between music and voice features and most provide music-playback and volume-control buttons.

Pros: portable, wireless, comfortable, great for exercise
Cons: possible wireless interference, often mediocre sound quality

**Exercise**

*Match the characteristic of each type of headphones with following pictures:*