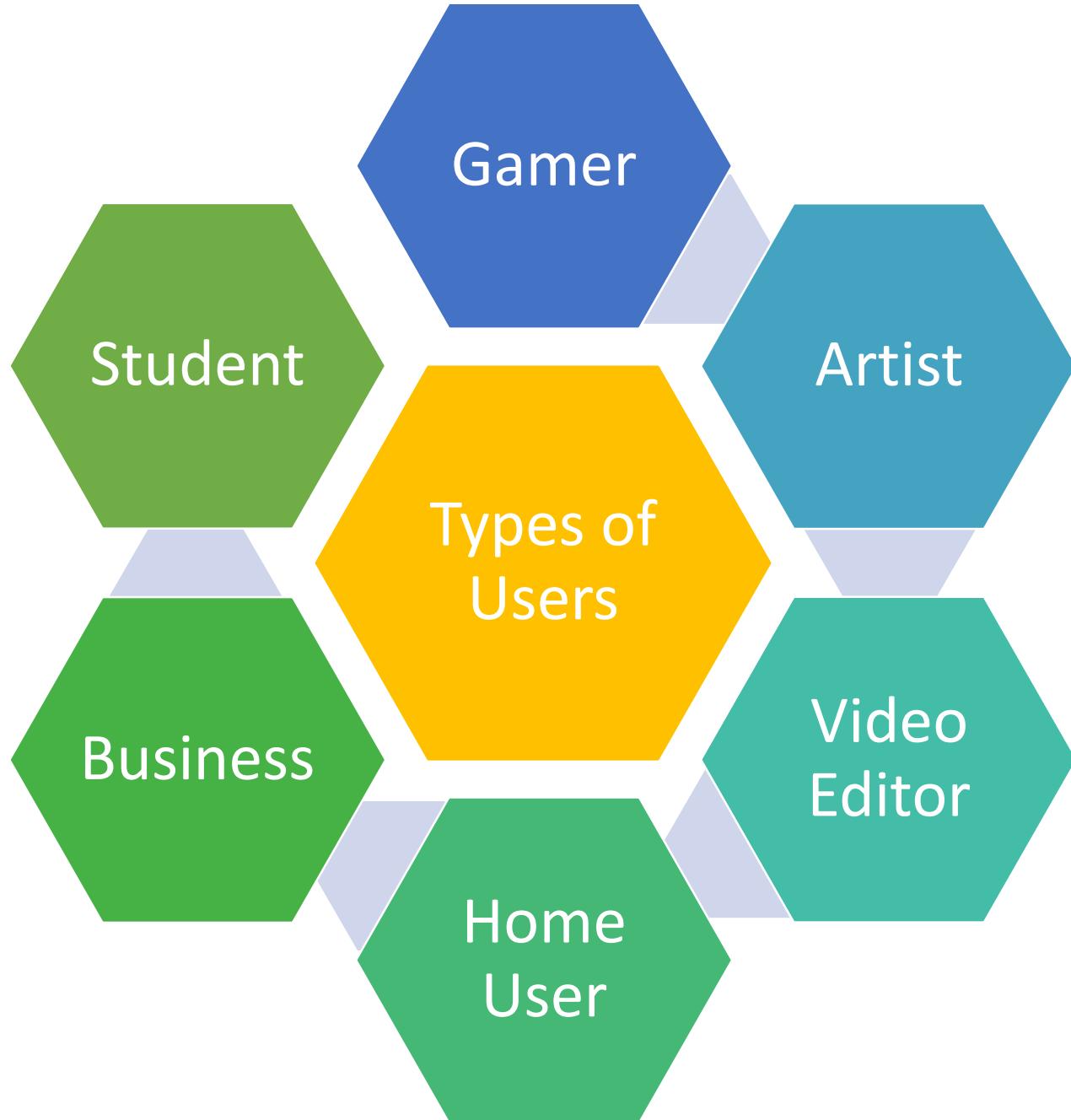


Buying a Computer

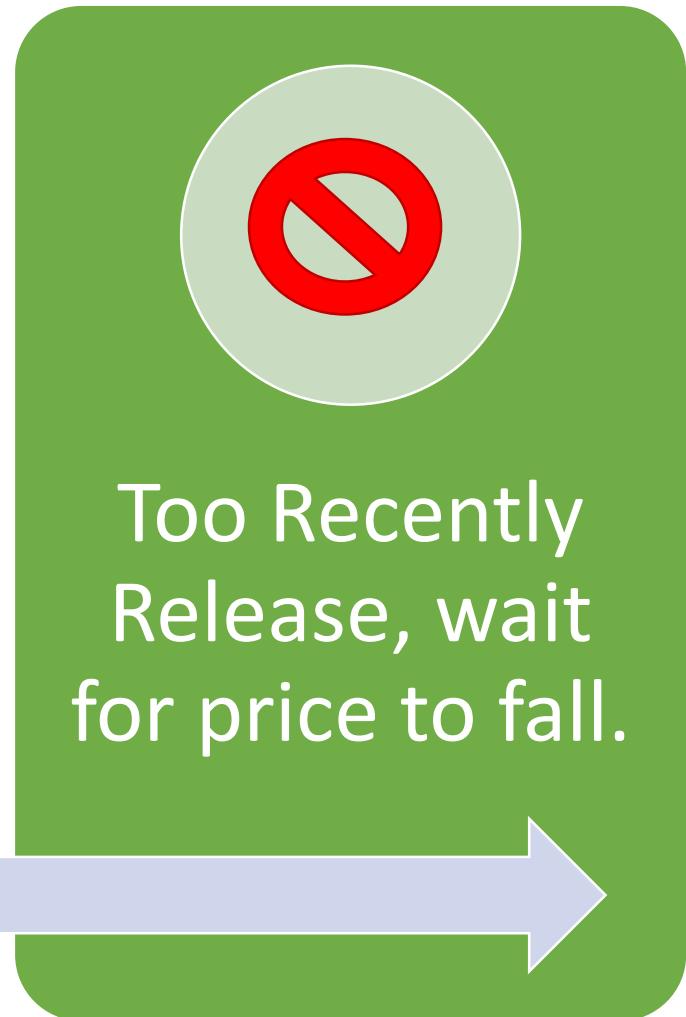
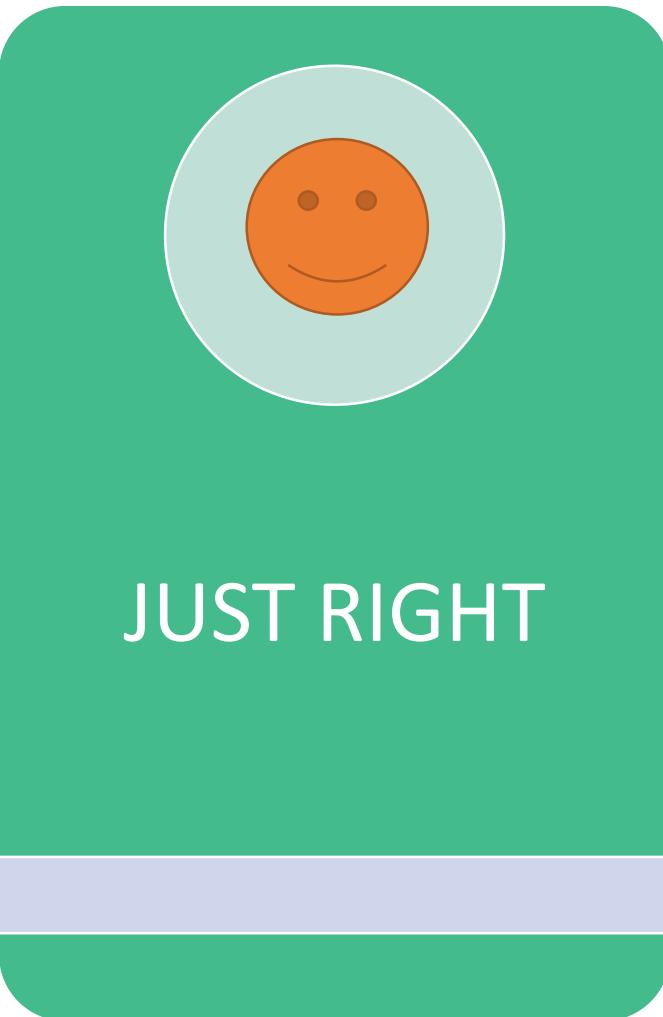
How do you purchase?

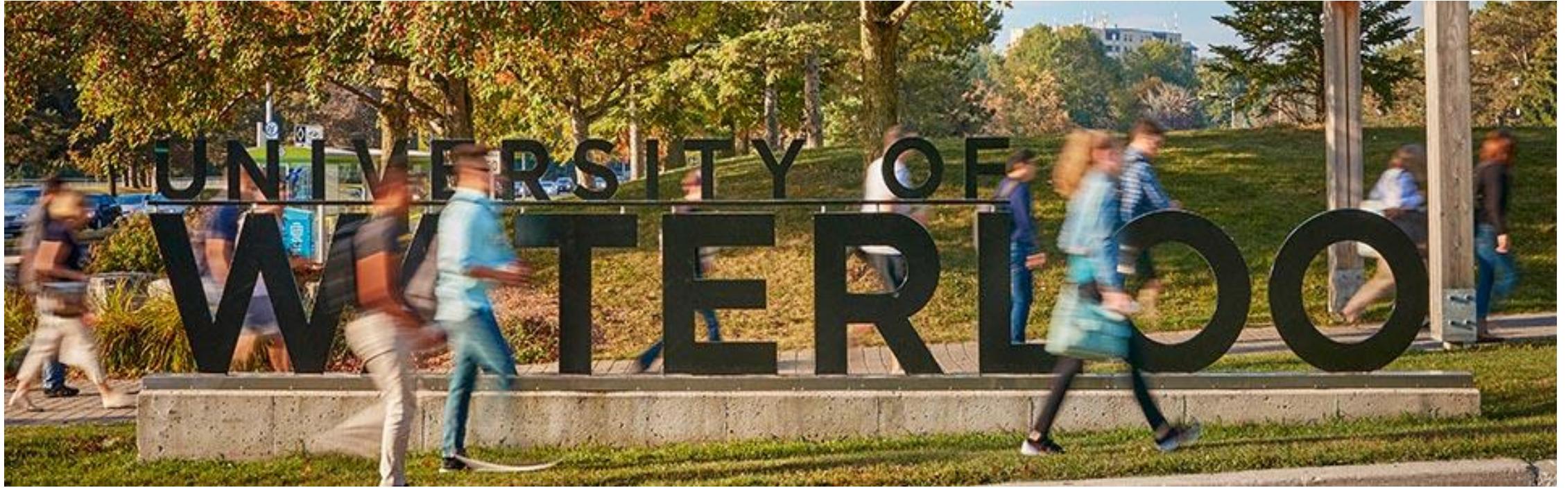


Each user needs a different kind of computer.

They should try to purchase the best computer they can for a **moderate amount of money**.

In General, home users should **buy to the middle**:

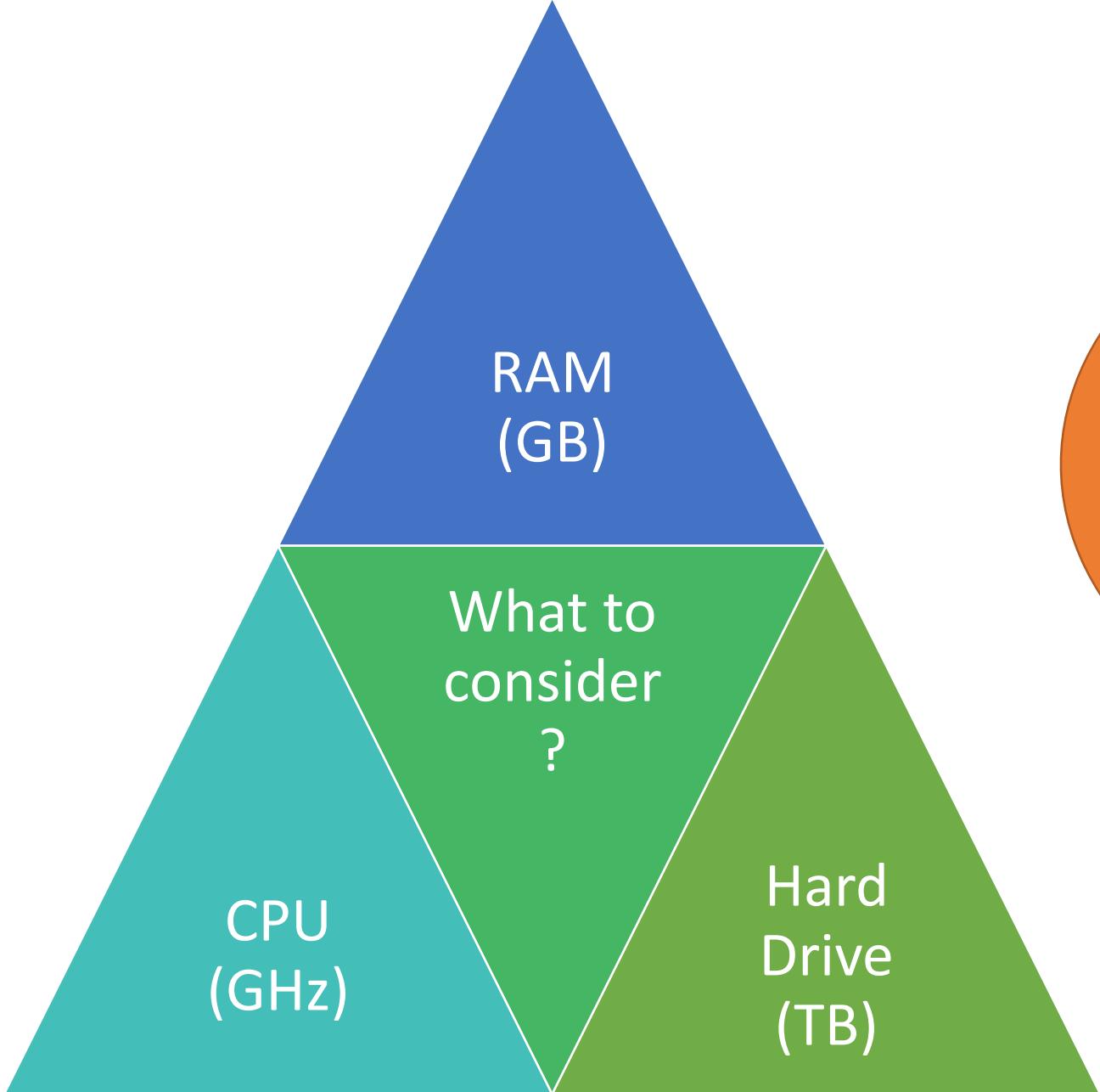




One of my professors at Waterloo taught me to buy to the middle about 25 years ago. Since that time, I have repeatedly impressed store clerks. I say:

Hmmm, there is a reason that computer is price so low. The specs are terrible.

That's still a little over priced. We need to wait a few more months for the newness to wear off.



And try to get
the best buy
for the lowest
price.

Different Kinds of Users have Different Needs.

(a) Education Users

- Teachers,
- Students
- At School
- Need inexpensive computers.
- Will have poor RAM, CPU, HD values.

(b) Regular Users

- Use internet, use word processors, watch videos
- Needs middle values for RAM, CPU, HD.
- Don't need special cooling.

(c) Film editors

- Do film editing or music editing. Need to render.
- Needs top of the line RAM, CPU and HD.
- Need good graphics cards.
- Often buy Apple computers.

(d) Elite gamers

- Play on-line games competitively.
- Needs top of the line RAM, CPU and HD.
- Needs expensive cooling systems.

Buying a Home PC



Chromebook

\$149

CPU: 1.4 GHz

HD: 16 GB

RAM: 4 GB



HP Desktop

\$529.99

CPU: 3.4 GHz

HD: 1 TB

RAM: 16 GB



MacBook

\$2,399

CPU: 3.4 GHz

HD: 1 TB

RAM: 8 GB

Buying a School PC



Chromebook

\$149

CPU: 1.4 GHz

HD: 16 GB

RAM: 4 GB



HP Desktop

\$529.99

CPU: 3.4 GHz

HD: 1 TB

RAM: 16 GB



MacBook

\$2,399

CPU: 3.4 GHz

HD: 1 TB

RAM: 8 GB

Buying an Animation PC



Chromebook

\$149

CPU: 1.4 GHz

HD: 16 GB

RAM: 4 GB



HP Desktop

\$529.99

CPU: 3.4 GHz

HD: 1 TB

RAM: 16 GB



MacBook

\$2,399

CPU: 3.4 GHz

HD: 1 TB

RAM: 8 GB

Buying a Gaming PC



Versus Power

\$1,559

CPU: 3.7 GHz

HD: 2 TB

RAM: 8 GB

Air Cooling



ASUS

\$1,927

CPU: 4.8 GHz

HD: 1 TB

RAM: 8 GB

Air Cooling



CLX

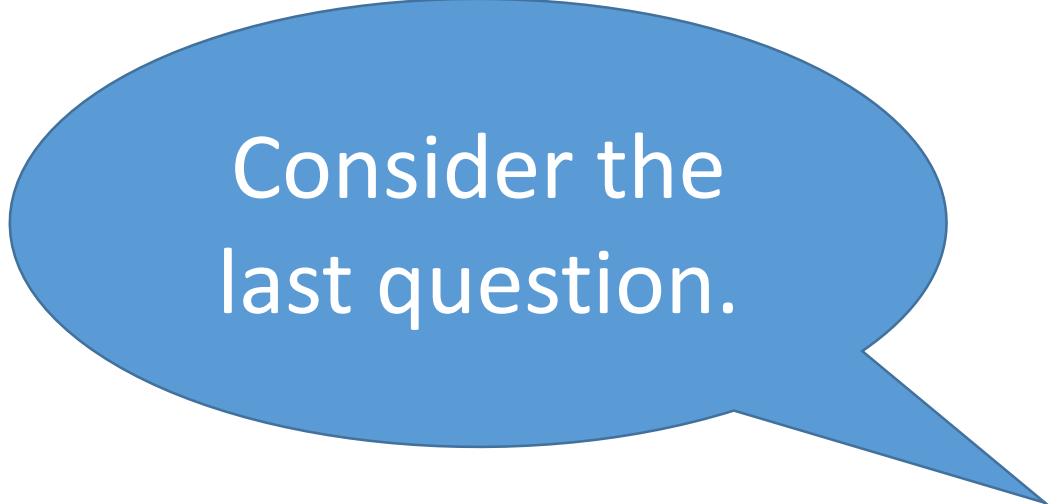
\$2,803

CPU: 3.7 GHz

HD: 2 TB

RAM: 16 GB

Water Cooling



Consider the last question.

9. What is the trade-off in purchasing a computer?

If you have a low cost, you have _____ quality equipment.
If you have a high cost, you have _____ quality equipment.

Why can't you have a low cost and high quality equipment?