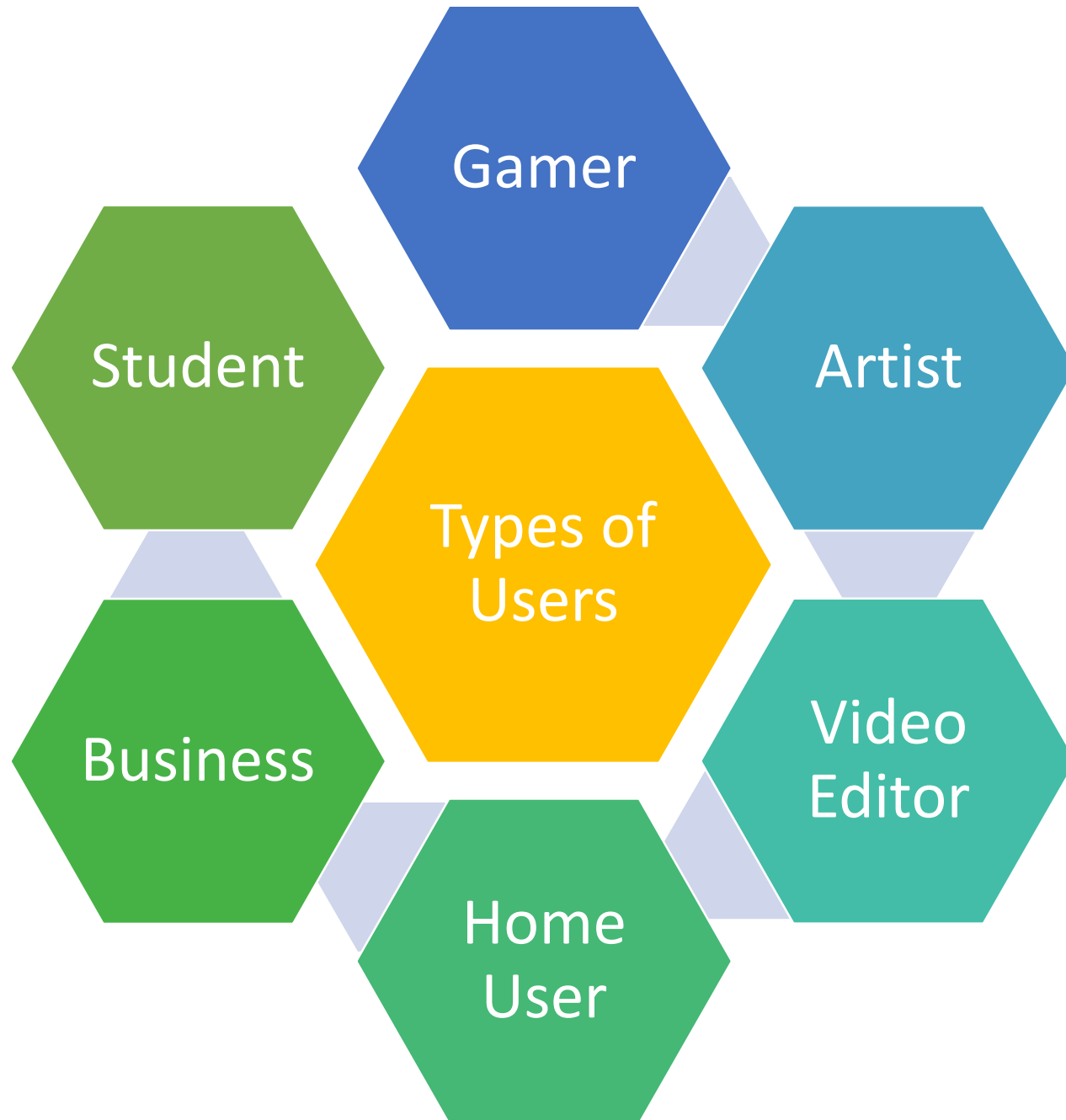


# Buying a Computer

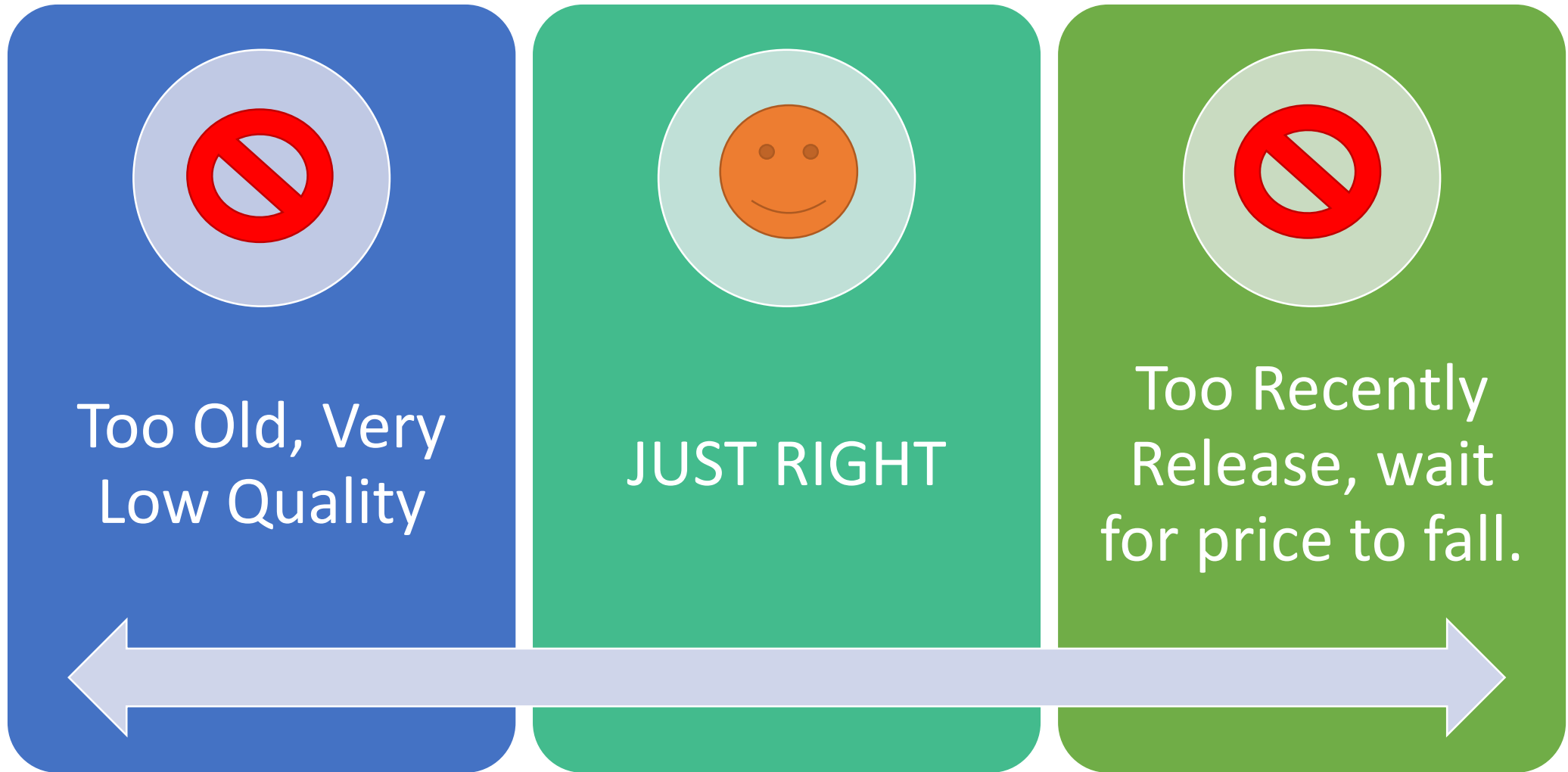
How do you purchase?



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**:

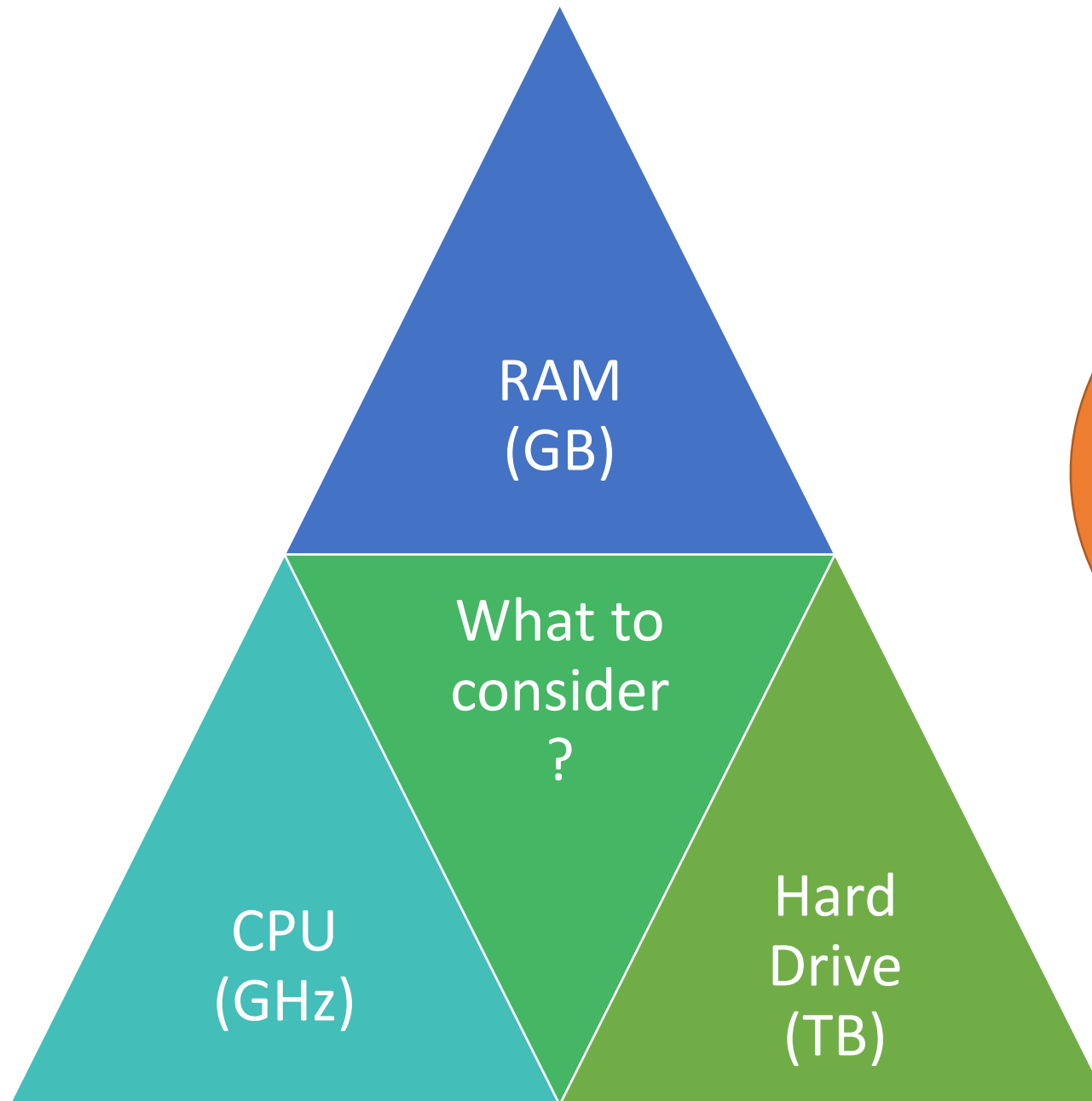




One of my professors at Waterloo taught me to buy to the middle about 25 years ago. Since that time, I have repeatedly impressed store clerks. I say:

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



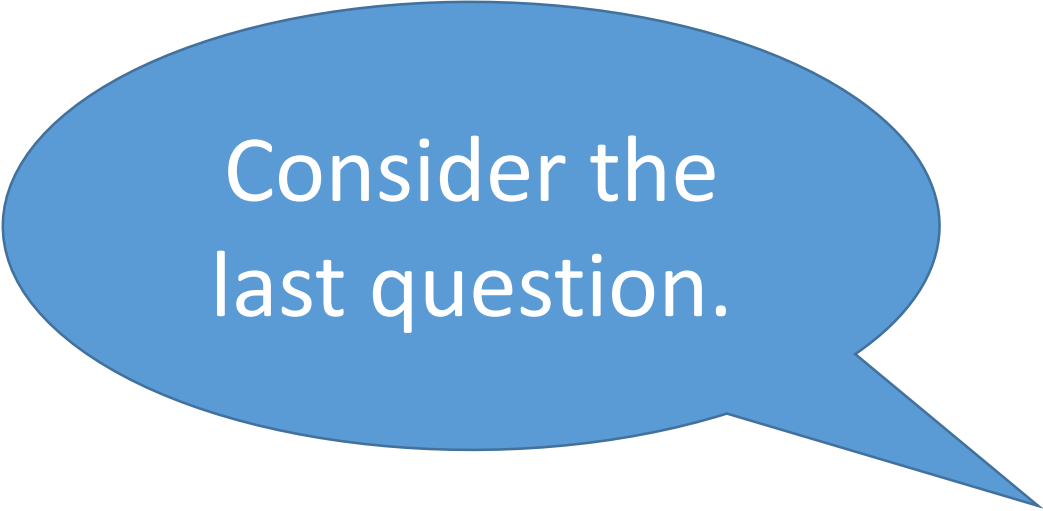
Versus Power  
\$1,559  
CPU: 3.7 GHz  
HD: 2 TB  
RAM: 8 GB  
Air Cooling



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?