

Heat Transfer	Atmosphere	Clouds	Review	Misc.
100	100	100	100	100
200	200	200	200	200
300	300	300	300	300
400	400	400	400	400
500	500	500	500	500 (Final)

# Heat Transfer \$100

What are the 3 types of heat transfer?

Radiation convection and conduction



### Heat Transfer \$200

What type of heat transfer does the sun use?

### Radiation



# Heat Transfer \$300

What kind of heat transfer requires touching of objects?

#### Conduction



# Heat Transfer \$400

Joey is standing by a campfire, which form of heat transfer is taking place for him to feel the heat?

### Radiation



# Heat Transfer \$500

What form of heat transfer is used in sea breezes?

#### Convection



# Atmosphere \$100

What are the 4 layers of the atmosphere?

Troposphere
Stratosphere
Mesosphere
Thermosphere



# Atmosphere \$200

Which layer of the atmosphere contains the greatest amount of water vapor?

# Troposphere





# DAILY DOUBLE

Which layer of the atmosphere is where temperature increases as altitude increases?

# Stratosphere



# Atmosphere \$400

Which layer of the atmosphere does most of the Earth's weather occur?

# Troposphere



# Atmosphere \$500

What atmospheric gas provides shielding of ultra violet light?

#### Ozone



# Clouds \$100

Name the 3 types of clouds

Cumulus

Cirrus

Stratus



# Clouds \$200

What 2 ways are clouds classified?

### Shape and Altitude



# Clouds \$300

What is the storm cloud?

#### Cumulonimbus



# Clouds \$400

During what phase of the water cycle do clouds form?

#### Condensation



# Clouds \$500

Which cloud is classified as a high feathery cloud?

### Cirrus



# Review \$100

What is the formula for force?

### F=MA



# Review \$200

Which body system is the spinal cord a part of?

#### Nervous System



# Review \$300

What is a flagella?

# A tail like structure found in single cell organisms



#### Review \$400

What are the 2 organelles that are found in plant cells but not animal cells?

#### Chloroplasts and cell wall



#### Review \$500

What are the 4 protists we have studied?

Volvox

Amoeba

Euglena

Paramecium



Compare the movement of cold molecules to hot molecules

# Cold molecules move slower, hot molecules move faster



What 2 gases makes up about 99% of the earth's atmosphere?

#### Nitrogen and Oxygen



A cowboy rides into town on Friday, stays for 3 days, then leaves on Friday how did he do it?

His horse's name is Friday



What has 2 hands but cannot clap?

#### Clock



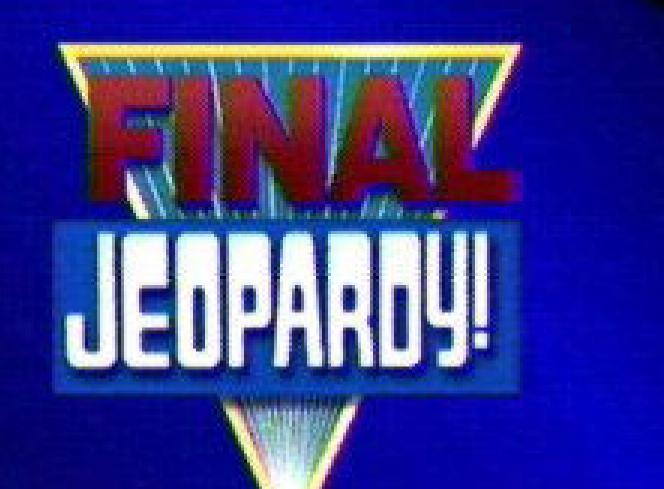
### Answer 5-5

What has 3 feet but cannot walk?

# Question 5-5

A yardstick





# Final Jeopardy

What type of front occurs when a warm air mass is caught between 2 cooler air masses and the warm air mass is pushed up?



#### Occluded Front

