




Name _____ Class _____ Date _____


1 What do the **movement and interaction of air masses** cause?

A the earth's soil to be enriched
B meteor showers
C most weather experienced on earth
D the earth's rotations




2 In our atmosphere, a **front** is an area where _____.

A two air masses split
B two air masses combine
C two air masses overlap
D two air masses meet




3 A _____ forms when a **warm air mass bumps into a cold air mass** that is **not moving** or is moving at a slow pace.

A warm front
B cold front
C frozen front



4 **Warm fronts** usually move _____ cold fronts.

A at the same speed as
B quicker than
C more slowly than
D ahead of



5




PREVIEW

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7


A trap energy from the sun
B trap energy from the moon
C give off oxygen
D cause the sun to shine longer



8

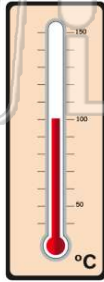
Energy and heat would _____.

A be absorbed in the ground
B still stay on earth
C escape back into space
D remain in the clouds




9 A **thermometer** is used to measure _____.

A temperature
B humidity
C rain amount
D wind speed



10 What does a **hygrometer** measure?

A snow amount
B temperature
C wind speed
D humidity





ANSWER KEY

What do the **movement and interaction of air masses** cause?



- A** the earth's soil to be enriched
- B** meteor showers
- C** most weather experienced on earth
- D** the earth's rotations

(c)

In our atmosphere, a **front** is an area where _____.

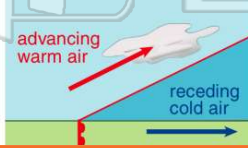


- A** two air masses split
- B** two air masses combine
- C** two air masses overlap
- D** two air masses meet

(d)

A _____ forms when a **warm air mass bumps into a cold air mass** that is **not moving** or is moving at a slow pace.

- A** warm front
- B** cold front
- C** frozen front
- D** high front



(a)

Warm fronts usually move _____ cold fronts.

- A** at the same speed as
- B** quicker than
- C** more slowly than
- D** ahead of



(c)



PREVIEW

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- A** trap energy from the sun
- B** trap energy from the moon
- C** give off oxygen
- D** cause the sun to shine longer

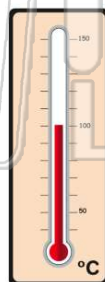


- A** be absorbed in the ground
- B** still stay on earth
- C** escape back into space
- D** remain in the clouds



A **thermometer** is used to measure _____.

- A** temperature
- B** humidity
- C** rain amount
- D** wind speed



(a)

What does a **hygrometer** measure?

- A** snow amount
- B** temperature
- C** wind speed
- D** humidity



(d)