

شكراً لتحميلك هذا الملف من موقع المناهج الإماراتية



حل أسئلة مراجعة القسم الكتابي منهج انسابير

[موقع المناهج](#) ← [المناهج الإماراتية](#) ← [الصف السادس](#) ← [علوم](#) ← [الفصل الأول](#) ← [الملف](#)

تاريخ نشر الملف على موقع المناهج: 2023-11-26 06:33:29

التواصل الاجتماعي بحسب الصف السادس



روابط مواد الصف السادس على تلغرام

[الرياضيات](#)

[اللغة الانجليزية](#)

[اللغة العربية](#)

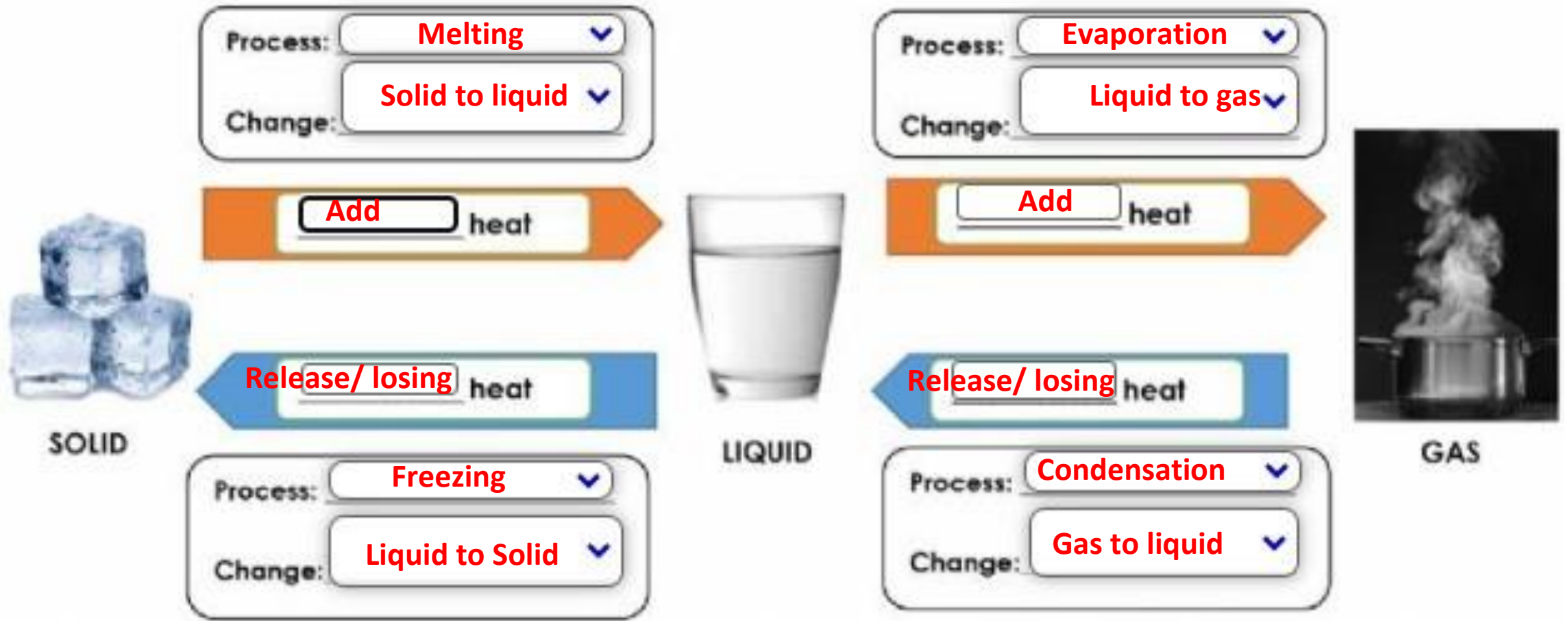
[التربية الاسلامية](#)

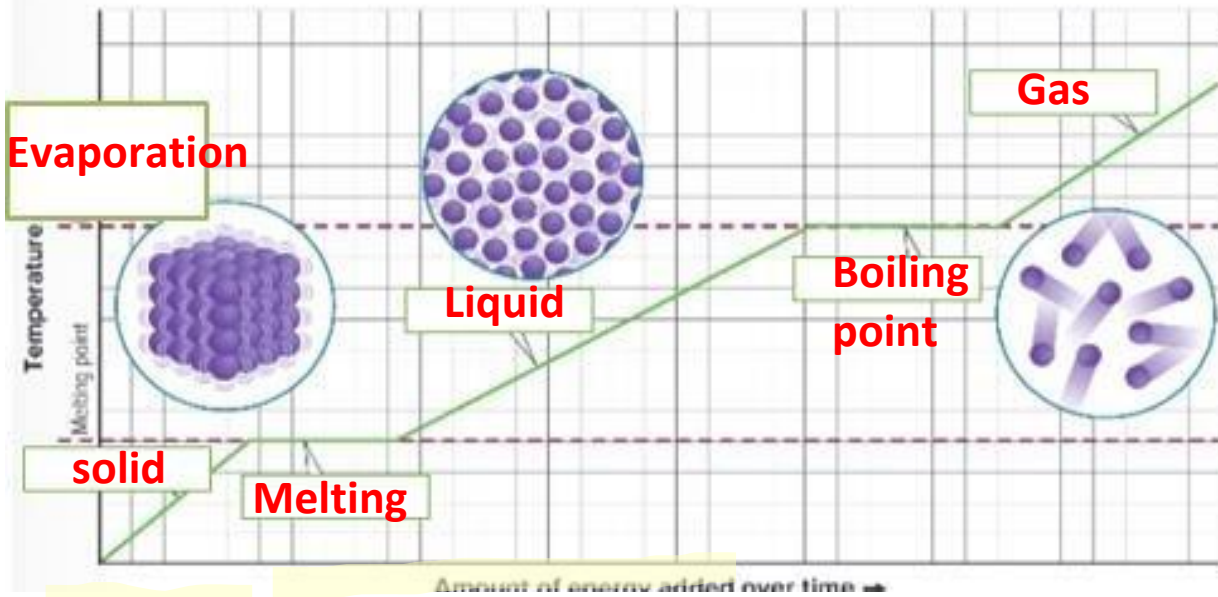
المزيد من الملفات بحسب الصف السادس والمادة علوم في الفصل الأول

أسئلة مراجعة القسم الكتابي منهج انسابير	1
نموذج اختبار نهائي وفق الهيكل الوزاري انسابير متبوع بالإجابات	2
حل الأسئلة المقالية وفق الهيكل الوزاري	3
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Instruction : State the name of process where water changes its state of matter.
Name the changes in the state of matter of water at different process.
Decide whether the process involves gains of heat or loses heat.

Inspire science – grade 6
Term 1
Writing practice





Boiling point
Melting
vaporization
Gas
solid
liquid



THREE-DIMENSIONAL THINKING

Construct an **argument** on how the existence of potential **energy** between particles supports or opposes the shape of a heating curve.

Adding thermal energy for (solid, liquid, gas)

-> **Kinetic** energy increase

removing thermal energy for (solid, liquid,

gas) -> **Kinetic** energy decrease

Adding thermal energy for (change state of

matter (boiling , melting) -> **Kinetic**

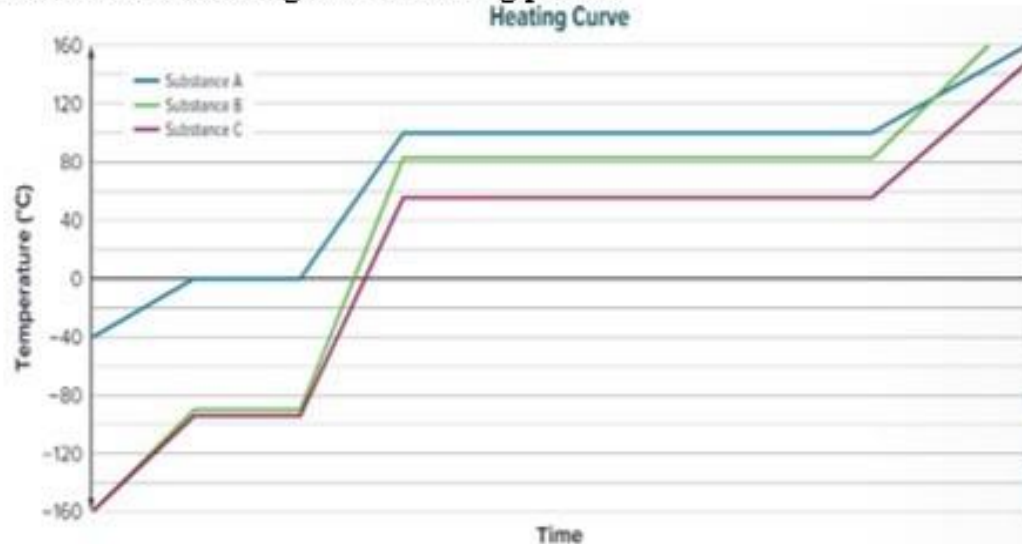
energy increase

Removing thermal energy for (change state

of matter (condensation , freezing) -> -----

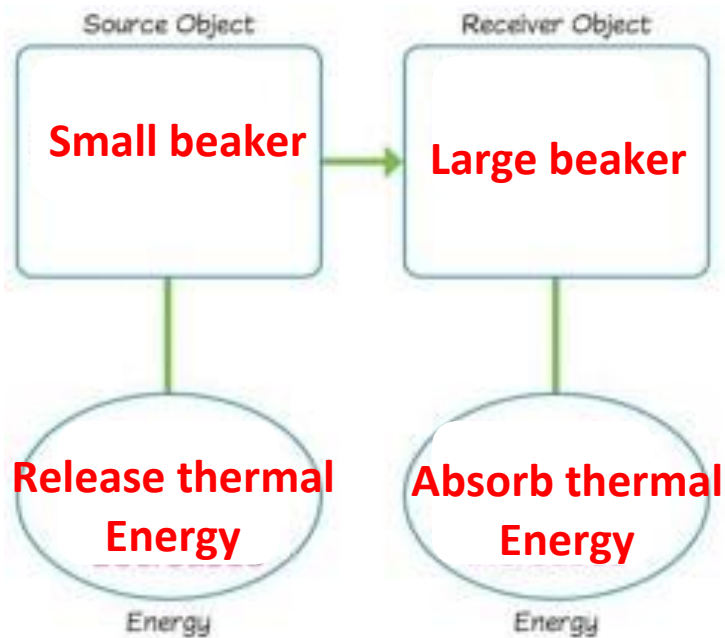
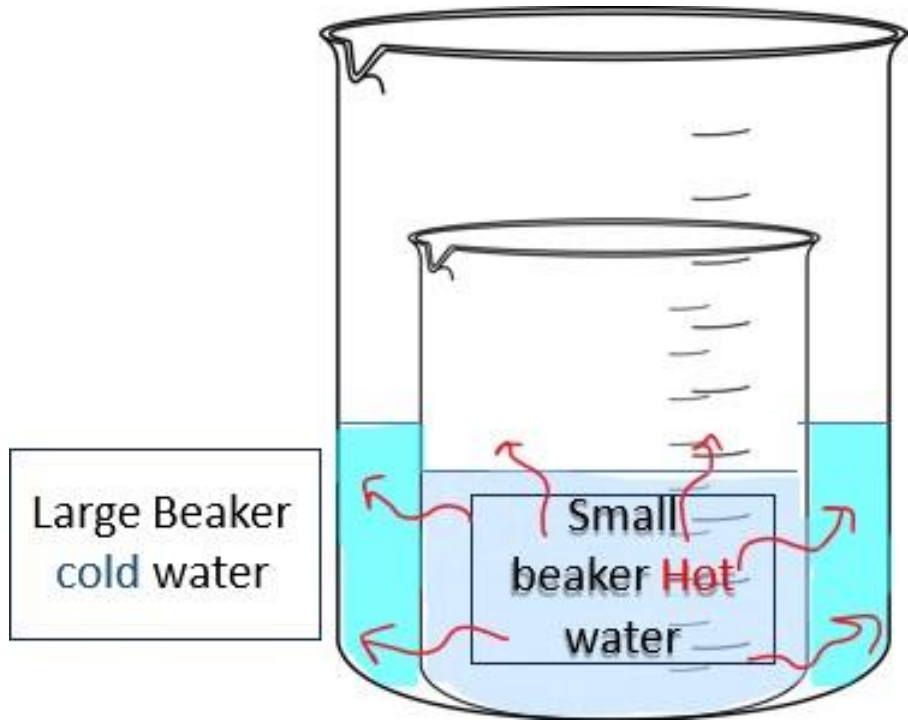
Potential energy increase

1. The next figure shows the heating curve of three different substances. What is the correct ascending arrangement of the substances according to their boiling point?

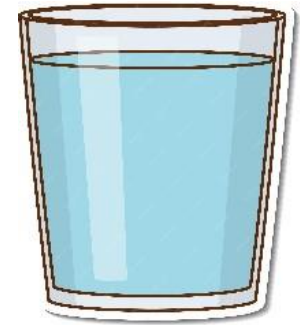


- A. C , B , A
- B. A , B , C
- C. C , A , B
- D. B , A , C

Answer



Release/ losing



Close ----- system ;
Not exchange -----
 energy with the
 surrounding

Open ----- system ;
Exchange -----
 energy with the
 surrounding

Thermal energy transfer from **High** ----- to **Low** -----



Thermal transfer



Thermal equilibrium

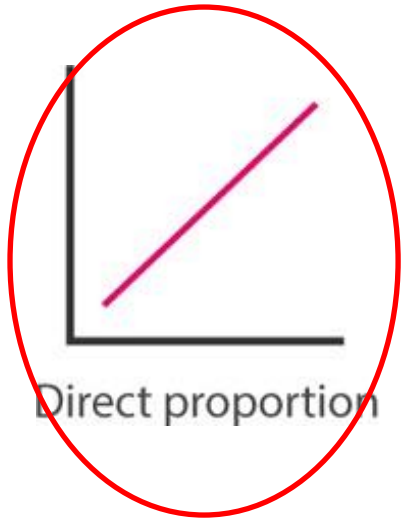


THREE-DIMENSIONAL THINKING

Sketch a particle **model** to explain the relationship between change in temperature and mass.

Greater/ More mass, **More** thermal energy

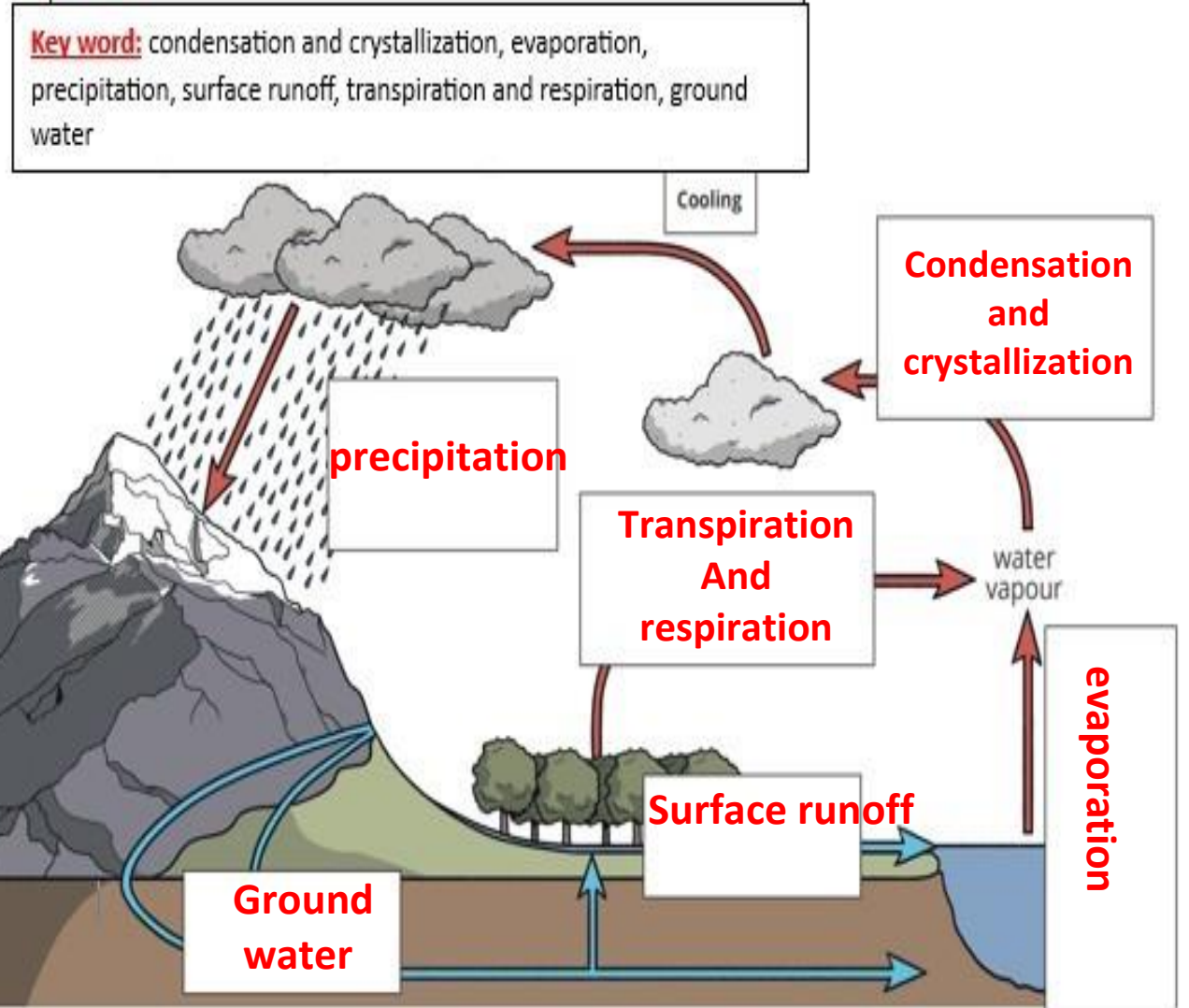
Which one represent the relationship between mass and thermal energy?

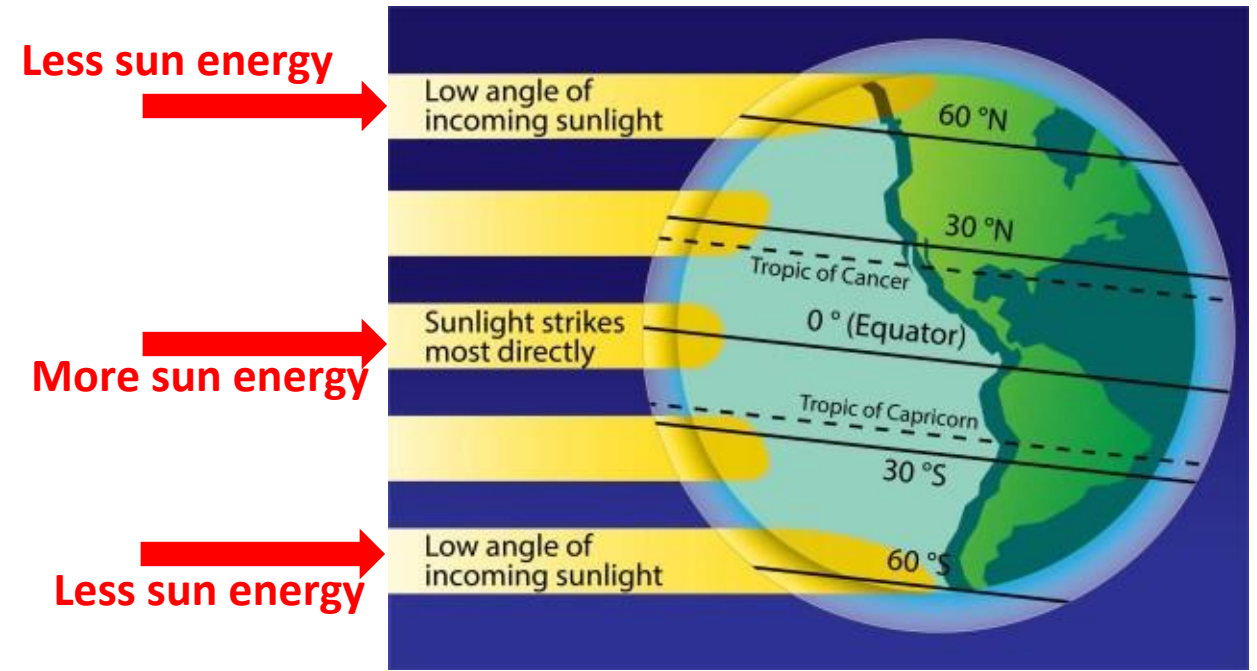
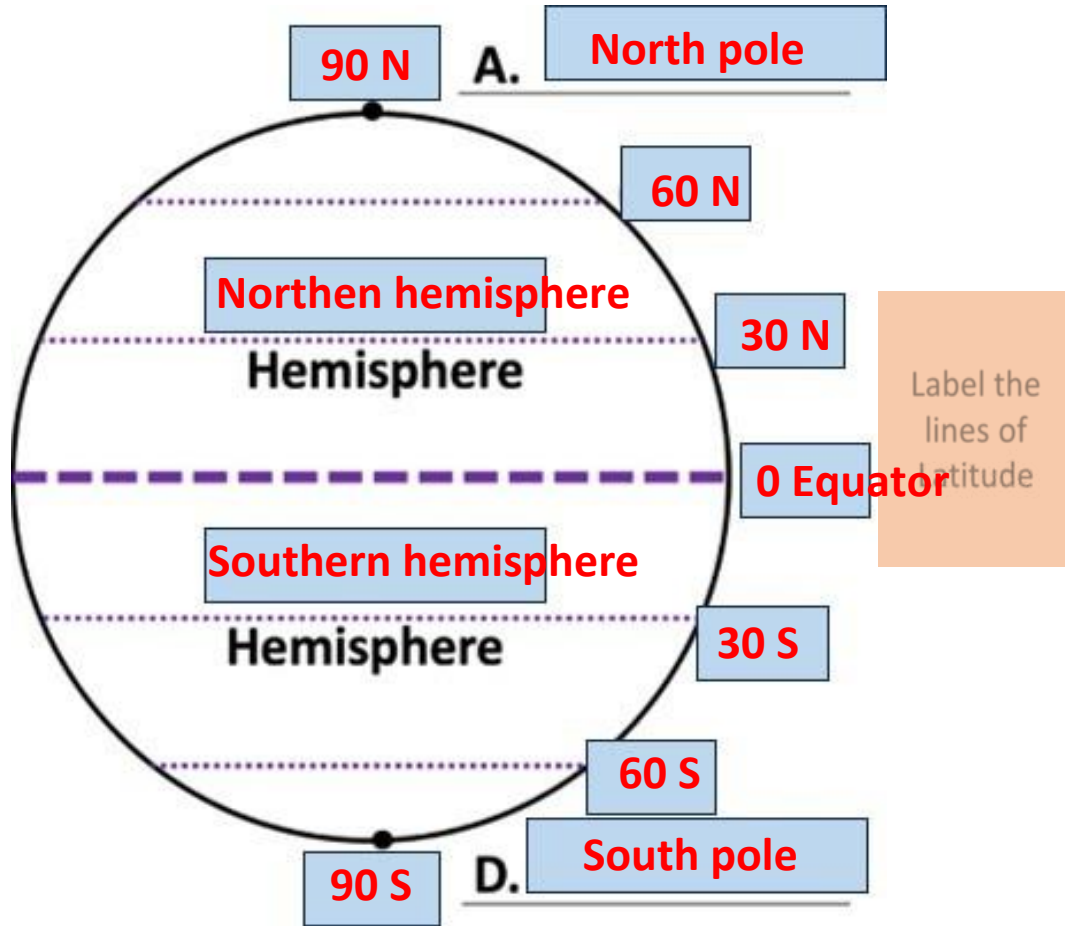


Direct proportion



Inverse proportion

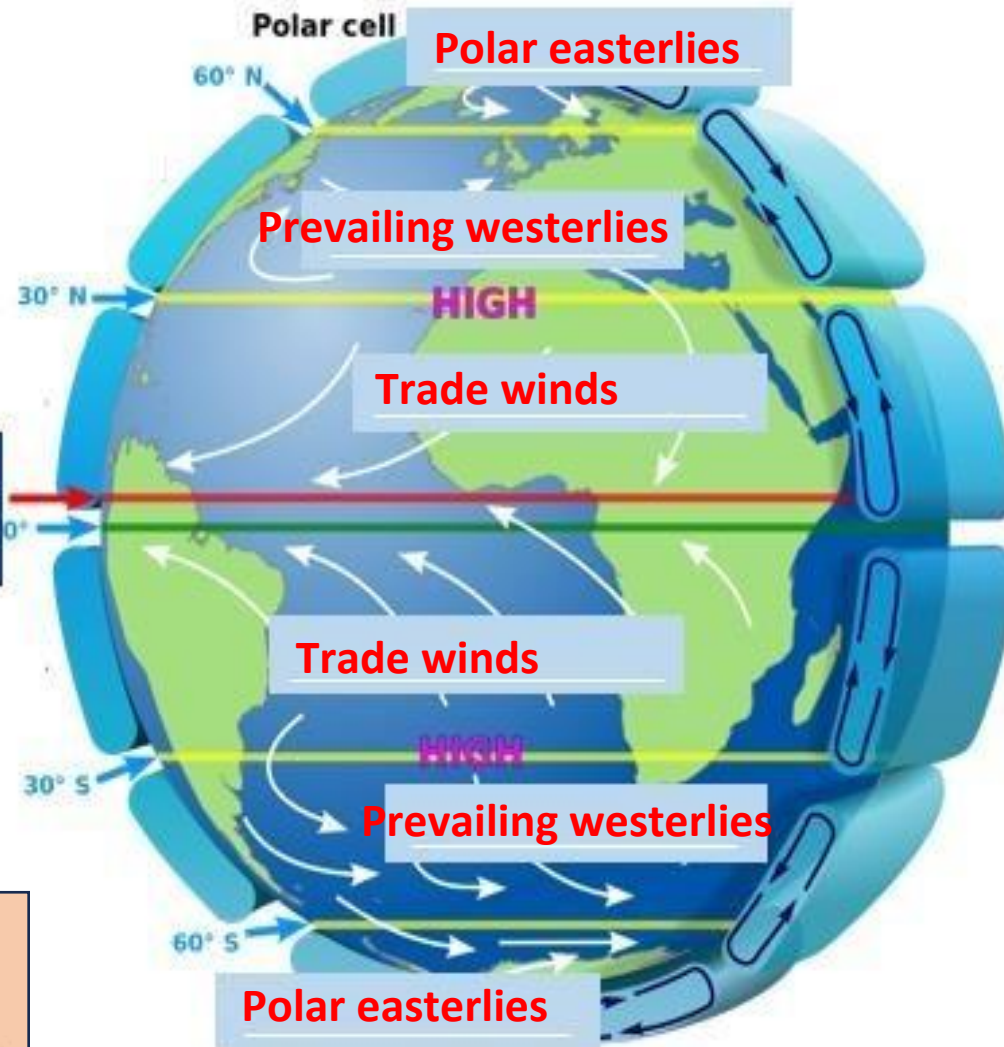




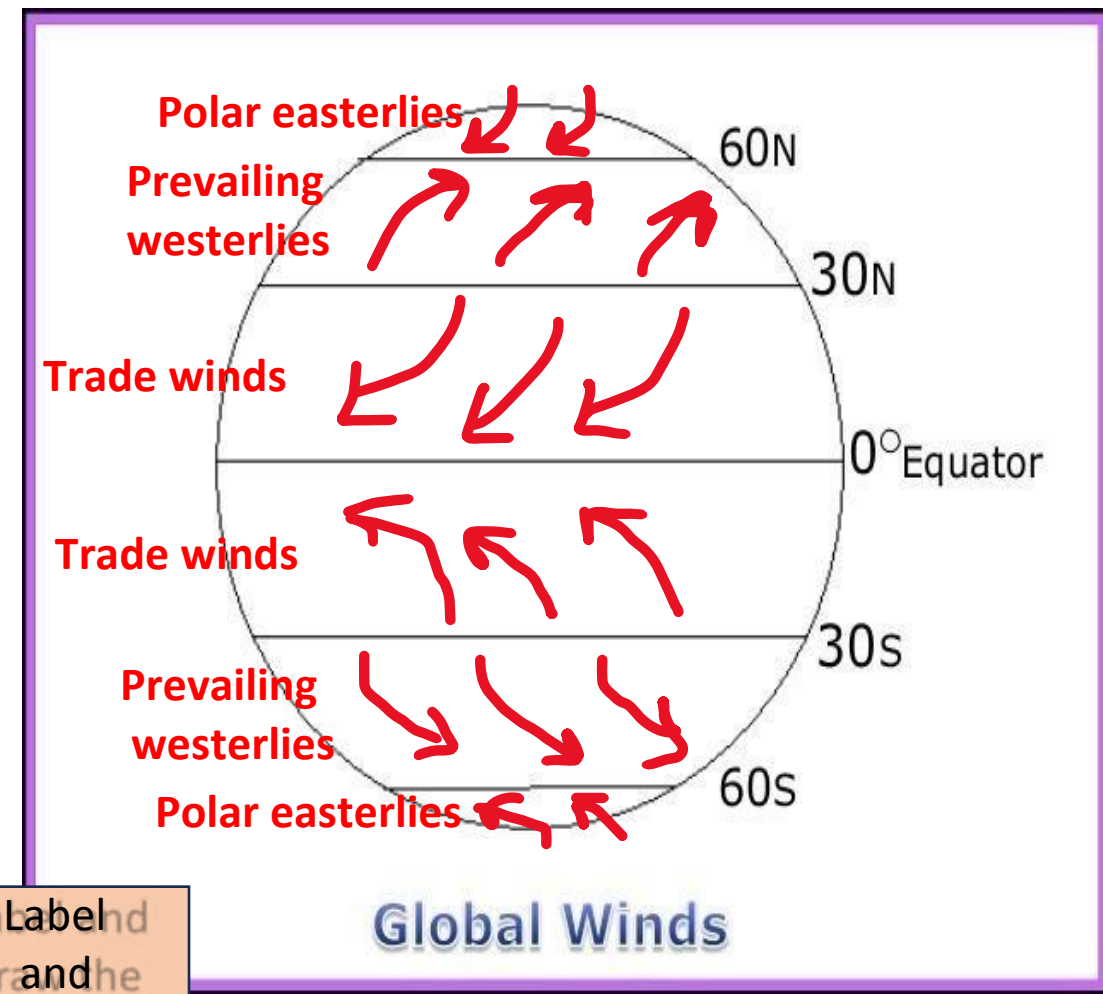
The angle of incoming sunlight depends on largely on latitude.

Latitude: is the distance in degrees north or south of the equator.

<p>Tropic area (near Equator)</p> <p>Sunlight strikes Earth's surface at a nearly 90° angle.</p> <p>There is More Sunlight energy per unit area and are warmer than other area.</p>	<p>North and South poles</p> <p>Sunlight strikes Earth's surface at a low Angle.</p> <p>Sunlight now spread over a larger Surface area.</p> <p>There is Less Sunlight energy per unit area and are cooler than other area.</p>
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Label the
global wind
system



Label and
draw the
direction of
the
global
wind