



Sarasas Witaed Chiang Mai School
5th QC Study Questions (Bilingual)
Semester 1 Academic Year 2017
Mathayom 4 Gifted

TOEIC:

1. I'm very _____ to go on holiday.
a. cane. **b. keen** c. cone. d. crane.
2. After the storm at sea, Captain John's ship was lost _____
a.... at the start of something b. ... on edge of nowhere
c. ... in the center of somewhere **d. ... in the middle of nowhere**
3. Due to water pollution, many sea creatures are _____
a.... dying out. b. ... coming out.
c. ...speaking up. d. ... spilling over.
4. In 30 years from now people _____
a. ... lived on Mars. b. ... are living on Mars.
c. ... will be living on Mars d. ... will living on Mars.
5. If we all work together we can _____ world peace.
a. ... bring about. b. ... take about.
c. ... go about. d. bring around.

Mathematics:

1. What is the slope of the line that passes through (-8, 0) and (0, 8)?
a. 0 **b. 1** c. 2 d. 3
2. The horizontal distance between the points (-4, 1) and (3, 4) is...
a. 5 b. 6 **c. 7** d. 8
3. What is the vertical distance between the points (-3, 8) and (2, -5)?
a. 5 b. 8 c. 11 **d. 13**
4. Which pair of points below are contained in a line with a negative slope?
a. (0,5) & (1, 1) c. (12, 8) & (1, 2)
b. (9, 4) & (2, 2) d. (-5, -8) & (4, -1)
5. What is the slope of the line that passes through (4, 1) and (-6, 7)?
a. $\frac{4}{5}$ **b. $-\frac{4}{5}$** c. $\frac{5}{4}$ d. $-\frac{5}{4}$

Science :

- In radiation, heat is carried by _____.
a. atoms **b. electromagnetic waves**
c. particles d. gases
- In conduction, heat moves from something _____ to something _____.
a. colder, hotter **b. hotter, colder** c. none of a and b d. a and b
- Which of the following is a good conductor of heat?
a. metals b. oils c. gas d. water
- When the exchange of heat between two objects in contact stops, a thermal _____ is achieved.
a. stand-off **b. equilibrium** c. abnormality d. freezing
- The unit of heat is _____.
a. Pascal b. meter **c. Joule** d. Celsius