



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

Language:

1. They _____ breakfast at 6:30 this morning.
a. Have **b. Had** c. Has d. Haven't.
2. Does she keep _____ money in a piggy bank?
a. you're b. him c. they're **d. her**
3. It a lot in Britain.
a. rains b. rainsv c. is rain d. rainer
4. He is very rich. There is _____ money in his wallet..
a. some b. manys c. many **d. much**
5. How _____ water does he drink?
a. much b. many c. some d. any

Mathematics:

1. Which angle below is obtuse?
a. 35° b. 90° **c. 149°** d. 213°
2. Which angle below is reflex?
a. 301° b. 180° c. 90° d. 56°
3. Evaluate : $-38 - (-20)$ (Read as "Negative 38 minus negative 20")
a. -18 b. 18 c. - 8 d. 38
4. $4^8 + 4^8 + 4^8 + 4^8$ is equal to what? (4^8 is read as "4 to the power of 8")
a. 4^{32} b. 16^8 c. 16^{32} **d. 4^9**
5. Simplify : $\frac{(a^4)(b^9)}{(a^7)(b^3)}$ (Read as "a to the power of 4 times b to the power of 9 **all over** a to the power of 7 times b to the power of 3")
a. $\frac{a^3}{b^6}$ **b. $\frac{b^6}{a^3}$** c. $\frac{a^6}{b^3}$ d. $\frac{b^3}{a^6}$

Science:

1. Which of the following is not an insulator?
a. Copper b. rubber c. foam d. plastic
2. Which of the following statements is true about radiation?
a. does not require matter to transfer heat
b. is carried in the form of gas
c. objects have to touch each other
d. it only happens in liquids and gases
3. What is the boiling point of water in Celsius?
a. 212 °C b. 32 °C c. 273 °C **d. 100°C**
4. The change of state from a solid to a liquid
a. melting b. freezing c. melting point d. freezing point
5. Which of the following is an example of conduction?
a. hot air balloon rises
b. heat from a light bulb
c. a spoon in a hot soup becomes warmer
d. wind currents

Health Education:

1. Which of the following food nutrients cannot be a source of energy?
a. protein b. carbohydrates **c. vitamins** d. fats
2. _____ is a good source of carbohydrates.
a. meat **b. bread** c. butter d. milk
3. Which of the following is rich in protein?
a. rice **b. fish** c. fruits d. chips
4. In the food pyramid, which food should be at the topmost?
a. vegetables b. potatoes **c. sugar** d. cereals
5. _____ should be at the bottommost of the food pyramid.
a. meat b. fruits **c. rice** d. salt