Sarasas Witaed Chiang Mai School
3rd QC Study Questions (Mini-Bilingual)
Semester 1 Academic Year 2018
Mathayom 4 Gifted

Language:

1. Those cars are very expensive, _____?

   a. are cars   **b. aren't they**   c. aren't cars   d. are they

2. You didn't play tennis last week, _____?

   a. did you   b. didn't you   c. aren't you   d. haven't you

3. My mother-in-law is _____ at our house this week.

   a. stay   **b. staying**   c. be staying   d. who stayeds

4. I _____ my dinner right now.

   a. eat   b. eating   **c. am eating**   d. eaters

5. My sister _____ Spanish.

   a. learn   **b. is learning**   c. learning   d. as learned

Mathematics:

1. What is (x + 4) times (x – 5)?

   a. x^2+x-20 **c.** x^2-x-20

   b. x^2-x+20 d. x^2+x+20

2. Factor this expression completely : $6y^2+8y$

   a. 2y(3y + 4)   c. 2y(3y – 4)

   b. y(3y + 4)   c. y(4y – 3)

3. Find the roots of the quadratic equation $x^2+7x-60=0$

   a. -12 & 5   b. 12 & -5   c. -12 & -5   d. 12 & 5

4. Which of the following is a root of $6x^2+11x+3=0$

   a. $\dfrac{1}{3}$ b. $\dfrac{-1}{3}$ c. $\dfrac{2}{3}$ d. $\dfrac{-2}{3}$

5. Factor this completely : $y^2+6y-27$

   a. (y – 3)(y – 9)   c. (y – 9)(y + 3)

   b. (y + 9)(y + 3)   **d. (y + 9)(y – 3)**

Science :

1. Which of the following is a genetic material?

   a. cytoplasm   b. chloroplast   c. centriole   **d. chromosome**

2. Mitosis produces _____ daughter cells from one parent cell.

   a. 2   b. 4   c. 6   d. 8

3. In plants, mitosis happens in the _____.

   a. somatic cells   b. gametes   **c. meristems**   d. xylem

4. Meiosis produces _____ daughter cells from one parent cell.

   a. 8   b. 6   **c. 4**   d. 2

5. The last stage of mitosis is _____.

   a. interphase   b. anaphase   c. metaphase   d. telophase