



Sarasas Witaed Chiang Mai School
3rd QC Study Questions (Bilingual)
Semester 1 Academic Year 2018
Grade 10

Language:

1. I'm trying to _____ some money to help a children's hospital
a. make b. reach **c. raise** d. rise
2. Please _____ this petition to stop child labor.
a. draw **b. sign** c. give d. raise
3. We would appreciate it if you could _____ a small donation.
a. sign b. have c. take **d. make**
4. If you _____ a rain coat you will get wet.
a. don't take b. aaaa c. aaaa d. aaaa
5. If you _____ an ice bath after a race, it stops your feet from swelling.
a. took **b. take** c. had taken d. takes

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. $y(3y + 4)$ d. $y(4y - 3)$
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. $\frac{1}{3}$ **b. $-\frac{1}{3}$** c. $\frac{2}{3}$ d. $-\frac{2}{3}$

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

Social Studies:

1. Hunter-gatherers are said to be _____.

a. stable

b. nomadic

c. advanced

d. modern

2. In which pre-industrial society the domestication of animals started?

a. hunter-gatherer

b. pastoral

c. horticultural

d. agricultural

3. Silos, tractors and other farm machines are used in _____ societies.

a. pastoral

b. horticultural

c. agricultural

d. hunting-gathering

4. In feudal societies, the individual pieces of lands are called _____.

a. villages

b. fiefdoms

c. markets

d. provinces

5. Growing of crops started in _____ societies.

a. horticultural

b. pastoral

c. feudal

d. hunting-gathering