

一、選擇題

1. (A) 下列何者是二元一次方程式？(A) $3x+2=y$ (B) $x^2+x-2=0$ (C) $5x+6y$ (D) $x^2-2y=3$
2. (C) 下列何者是二元一次方程式？(A) $2x+3=5$ (B) $x^2+3=10$ (C) $x-y=7$ (D) $2x+3=5x$
3. (D) 已知兄比弟多 y 歲，若兄今年 x 歲，則六年後兄弟二人的年齡和為多少歲？(A) $2x-y$ (B) $2x+y$ (C) $2x-y+6$ (D) $2x-y+12$
4. (B) 化簡下列各式，何者的結果與 $4y$ 相同？
(A) $3+x-(3x-y+6)$ (B) $-4x+2y+2(y+2x)$
(C) $2x+8+y-(2x+4y)$ (D) $5(x+2y)-3(6+4y)$
5. (D) 判斷二元一次方程式 $3x-2y=4$ 有幾組解？(A) 1 組 (B) 2 組 (C) 4 組 (D) 無限多個
6. (D) 下列何者不是 $5x-2y=12$ 的解？(A) $x=2, y=-1$ (B) $x=0, y=-6$ (C) $x=6, y=9$ (D) $x=4, y=3$
7. (B) 福利社一罐汽水要 10 元，一瓶果汁要 15 元，小華買了 x 罐

汽水和 y 瓶果汁共花了 350 元，則下列何者正確？(A)

$x=15, y=10$ (B) $x=20, y=10$ (C) $x=10, y=20$ (D) $x=32, y=2$

8. (A) 設 $x=-2, y=3$ ，則下列何者的值最小？

(A) $2x-3y$ (B) $-y+4x$ (C) $-x-2y$ (D) $3x+y$

9. (D) 下列各式中，哪一個選項是二元一次方程式？

(A) $x=0$ (B) $2x-\frac{1}{2}x=1$ (C) $5x-3=6$ (D) $4x-3y=5$

10. (C) 判斷下列各組數哪一組數是二元一次方程式 $2x-y=3$ 的

解？(A) $x=2, y=-1$ (B) $x=-2, y=5$ (C) $x=1, y=-1$ (D)

$x=3, y=-3$

11. (D) 二元一次方程式 $x+y=5$ 解為：

(A) $x=-1, y=6$ (B) $x=\frac{29}{9}, y=\frac{16}{9}$

(C) $x=2.3, y=3.2$ (D) 以上皆是

12. (D) 二元一次方程式 $2x+4y=3$ 有幾組解？(A) 無解 (B) 1 組

(C) 2 組 (D) 無限多組。

13. (D) 根據條件“ x 的 2 倍比 y 的 3 倍少 5”列出的方程式是：

(A) $2x=3y+5$ (B) $2x+3y=5$ (C) $3x+2y=5$ (D) $3y=2x+5$

14. (D) 化簡 $(-5) \times (-X+10) = ?$ (A) $5X+10$ (B) $5X$

-10 (C) $5X+50$ (D) $5X-50$ 。

15. (C) 當 $X=-3, Y=7$ 時，求 $-6X-5Y = ?$ (A) -53 (B)

27 (C) -17 (D) -27 。

16. (C) 下列何者可以 $-2X$ 表示？(A) $-2+X$ (B) $-2-X$ (C) $-2 \times X$ (D) $-2 \div X$ 。

17. (A) 化簡 $4(2X-Y) - 3(X+5Y) - 1 = ?$ (A) $5X-19Y-1$ (B) $5X+11Y-1$ (C) $X-15Y$ (D) $X-15Y-1$

18. (C) 將下列式子化簡的結果何者正確？(A) $9X-4X=5$ (B) $8X \div 2X=4X$ (C) $3(2X-5X+3) = -9X+9$ (D) $2Y+5-3(3Y+1) = -7Y+5$

19. (D) 化簡 $3(2X-3Y) - (-X+8Y) = ?$ (A) $5X-Y$ (B) $5X-17Y$ (C) $7X-Y$ (D) $7X-17Y$ 。

20. (C) 下列敘述何者正確？(A) $5+a$ 可簡記為 $5a$ (B) $axaxaxaxa$ 可簡記為 $5a$ (C) $a+a+a+a+a$ 可簡記為 $5a$ (D) $5 \div a$ 可簡記為 $5a$ 。

21. (D) 肯德基喀拉雞腿堡套餐一份 119 元，一個卡布奇諾蛋塔 20 元，已知今天曉明去買了 x 份卡拉雞腿堡套餐、 y 個卡布奇諾蛋塔，則應付多少錢？(A) $x+y$ (B) $119x+y$ (C) $x+20y$ (D) $119x+20y$ 。

22. (B) 請問下列選項中哪一個和其它的意義不一樣？(A) $5x$ (B) $5+x$ (C) $5 \times x$ (D) $x+x+x+x+x$

請依上、下文意，選出最適當答案，以使全句通順。

- (**B**) 1. At school, students study in the _____.
(A) bathroom (B) classroom (C) living room (D) dining room
- (**A**) 2. The day before Saturday is _____.
(A) Friday (B) Thursday (C) Wednesday (D) Tuesday
- (**D**) 3. The month between May and July is _____.
(A) February (B) September (C) March (D) June
- (**A**) 4. My father's brother is my _____.
(A) uncle (B) husband (C) cousin (D) aunt
- (**B**) 5. I'm sick. I have to go to the _____ to see a doctor.
(A) holiday (B) hospital (C) hotel (D) hobby
- (**C**) 6. It's convenient to _____ e-mails to your friends on the Internet.
(A) get (B) hear (C) send (D) talk
- (**D**) 7. On the Chinese New Year, all people in Taiwan _____ the important day.
(A) practice (B) exercise (C) appear (D) celebrate
- (**B**) 8. Today is Andy's birthday. He gets a lot of _____. He is very happy.
(A) parents (B) presents (C) problems (D) persons
- (**A**) 9. John: Do you know the word "psychology"?
Mary: I don't know, either. Where's the _____? It can tell us the word's meaning.
(A) dictionary (B) difficulty (C) difference (D) direction
- (**A**) 10. That is Mr. Huang. He _____ us math last year.
(A) taught (B) thought (C) caught (D) brought

- (C) 11. Tim: I'm sorry.
Rose: That's all _____.
(A) night (B) light (C) right (D) fight
- (D) 12. David didn't say anything this morning. It is a little _____.
(A) modern (B) angry (C) famous (D) strange
- (B) 13. All the _____ in Hualien are full because many tourists come for a trip during the long vacation.
(A) hospitals (B) hotels (C) chances (D) countries
- (A) 14. Wendy lost her _____ when she had a very bad cold last week.
(A) voice (B) club (C) river (D) skin
- (B) 15. After we finished eating, the waiter in the restaurant _____ us a check, and we paid for it.
(A) called (B) handed (C) invited (D) moved
- (C) 16. Look! The _____ is very clear and there aren't any clouds. I'm sure it won't rain today.
(A) art (B) pie (C) sky (D) top
- (C) 17. In summer, we can see a lot of fireflies _____ and lighting their fire for love at Liyu Lake.
(A) slowing down (B) keeping away (C) flying around
(D) arriving there
- (D) 18. Harry: How did you go to America?
Tim: We _____ there.
(A) drove (B) rode (C) took (D) flew
- (C) 19. \$10,000,000 is ten _____ dollars.
(A) hundred (B) thousand (C) million
- (B) 20. After three-hour raining, the sky becomes _____ now, and the sun is starting shining.
(A) free (B) clear (C) wild (D) loud
- (A) 21. Before you get on the train, you have to buy a _____ first.
(A) ticket (B) price (C) sign (D) line

(**B**) 22. Son: _____, Dad's going to send me a cell phone as my birthday present this year.

Mom: That's great, but you have to use it correctly, or it'll cost you a lot of money.

(A) Terribly (B) Wonderfully (C) Slowly (D) Carefully

(**D**) 23. Joan's _____ is interesting. She likes collecting all kinds of tea pots.

(A) hippo (B) honey (C) habit (D) hobby

(**C**) 24. Kangaroos and koalas are special _____ in Australia.

(A) birds (B) plants (C) animals (D) trees

(**C**) 25. Bruce: How tall are you, Brian?

Brian: I'm 170 _____ tall.

(A) miles (B) pounds (C) centimeters (D) kilograms
