

一、選擇題(每題 4 分，共 40 分)

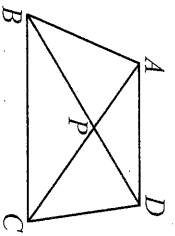
1	2	3	4	5	6	7	8	9	10
C	D	B	A	A	B	C	A	D	A

二、填充題(每題 4 分，共 48 分)

①	②	③	④	⑤
4	13	6	$\frac{1}{8}$	$\frac{19}{5}$
⑥	⑦	⑧	⑨	⑩
8	6	9	$\frac{21}{2}$	$16\sqrt{3}$
⑪	⑫			
9	$2\sqrt{7}$			

三、計算題(共 12 分)(未寫計算過程，不予計分)

1. 如圖，梯形  $ABCD$  中， $\overline{AD} \parallel \overline{BC}$ ， $\overline{AC}$  與  $\overline{BD}$  交於  $P$  點，



設  $\overline{BP} = 3$ ， $\triangle APD$  面積 = 32， $\triangle BPC$  面積 = 72。求：

(1)  $\overline{BD} = ?$  (5 分) (2)  $\triangle ABP$  面積為多少? (3 分)

(1)  $\triangle APD \sim \triangle CPB$  (2 分)

$AD : BC = PD : PB = 2 : 3$  (1 分)

$\Rightarrow PD = 2$  (1 分)

$BD = 5$  (1 分)  $A : 5$

(2)  $\triangle ABP : \triangle BPC = \overline{AP} : \overline{PC}$

$= 2 : 3$  (1 分)

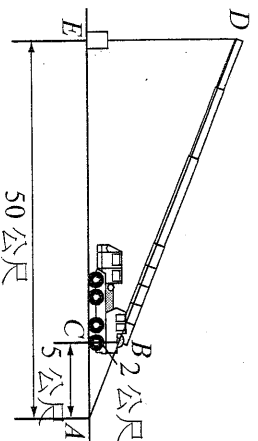
$\therefore \triangle ABP = \frac{72}{3} \times 2$

$= 48$  (2 分)

A: 48

2. 如圖，已知參帥大樓建地有一輛吊車，吊杆頭正要吊起

一重物，已知吊車的高度為 2 公尺，若沿著吊杆延長線接觸到地面  $A$  點， $A$  點距離吊車 5 公尺，且距離重物 50 公尺，試求吊杆頭與地面的距離  $\overline{DE}$  是多少公尺? (4 分)



$\therefore \overline{BC} \parallel \overline{DE}$  (2 分)

(或說明  $\triangle ABC \sim \triangle ADE$ )

$\therefore \overline{BC} : \overline{DE} = \overline{AC} : \overline{AE}$

$2 : \overline{DE} = 5 : 50$  (1 分)

$\overline{DE} = \frac{100}{5} = 20$  (1 分)

A: 20 公尺

(沒寫單位扣一分)

臺北市立民生國民中學 108 學年度第一學期七年級數學科第一次段考答案卷

範圍：康軒版 1-1~1-4

班級：七年\_\_\_\_班 座號：\_\_\_\_ 姓名：\_\_\_\_

一、選擇題 (每題 4 分，共 48 分)

1	2	3	4	5	6
C	A	D	B	A	C
7	8	9	10	11	12
C	B	B	D	D	A

二、填充題 (每格 4 分，共 40 分)

①	②	③	④	⑤
-9	4	10	46	$2.5 \times 10^{-3}$
⑥	⑦	⑧	⑨	⑩
8	民生店	-90	20	4

三、計算題 (每題 6 分，共 12 分)

1. 計算下列各式：	2. 試回答下列問題：
(1) $(-9179057) + [(-5767) + 9179060]$	(1) 非洲豬瘟病毒、伊波拉病毒、諾羅病毒的直徑大小分別為多少公尺？(以科學記號表示)
(2) $-299 \times 111 - 20 \times (-299) + (-9) \times 299$	(2) 請比較非洲豬瘟病毒、伊波拉病毒、諾羅病毒這三種病毒顆粒直徑的大小。
(3) $ 2^2 \times (-5^2) + (-2)^2  \div (-4) \times 2$	
(1) -5764 (2分)	(1) 非洲豬瘟 $2 \times 10^{-9} m$ (1分)
(2) -29900 (2分)	伊波拉病毒 $8 \times 10^{-8} m$ (1分)
(3) -48 (2分)	諾羅病毒, $2.7 \times 10^{-8} m$ (1分)
	(2) 非洲豬瘟病毒 > 伊波拉病毒 > 諾羅病毒. (3分)

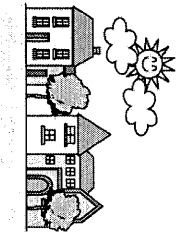
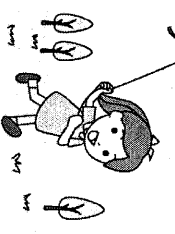
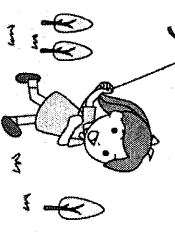
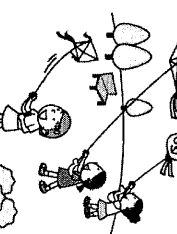
第一部分：聽力測驗 30%，1 到 15 題

一、辨識句意：根據聽到的內容，選出符合描述的圖片或符合圖片的描述。(2%)

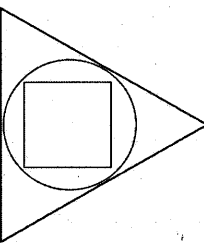
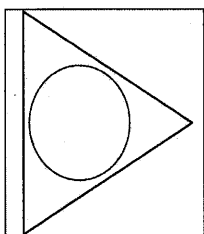
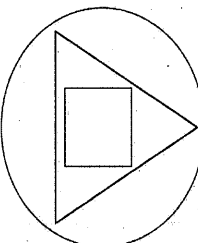
1.(B)

A	Jerry Lin xxx, Taiwan  April Lee xxx, the USA	B	Jerry Lin xxx, USA  April Lee xxx, Taiwan
C	April Lee xxx, USA  Jerry Lin xxx, Taiwan		

5.(B)

A		B	
C		A	

2.(C)

A		B	
C			

二、基本問答：根據聽到的內容，選出一個最適合的回應或最適合的問句。(2%)

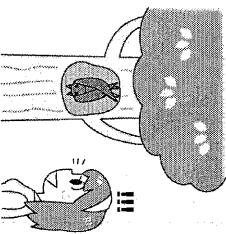
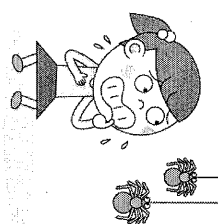
6 (A)

- (A) Not really. This picture is full of triangles. I can't get the artist's idea.  
 (B) Try this. Put on this pair of glasses.  
 (C) Ten minutes? Wow. It's been a while!

7.(B)

- (A) Sounds great!  
 (B) Well, I have no idea at all.  
 (C) I need to buy a new dress for your wedding.

3.(A)

A		B	
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8.(A)

- (A) It's funny.  
 (B) The theater is on the street corner.  
 (C) It's a movie about Japanese ghosts.


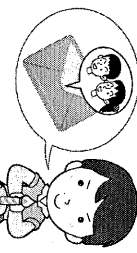
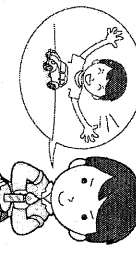
9.(C)

- (A) Me, either. Let's watch the whales right now.  
 (B) We have to be careful when we swim in the river.  
 (C) Let's do some warm up exercises before going in.

10(A)

- (A) Yeah. It's really been a long time.  
 (B) Because I'm getting married.  
 (C) Sorry to keep you waiting.

4.(B)

A		B	
C			

三、言談理解：根據聽到的內容，選出一個最適合的答案。

(2%)

11.(C)

- (A) Swept the floor.  
 (B) Swept and mopped the floor.  
 (C) Mopped the floor and thrown away the trash.

12.(B)

- (A) Lions' team lost.  
 (B) Lions' team won.  
 (C) One player got hurt.

13. (A)
- (A) The man is doing well on his report.  
 (B) The man's report is about Taiwanese and Chinese.  
 (C) The woman's favorite shape is round.
14. (B)
- (A) The man will sell his works of art in Inspiring Hall tomorrow.  
 (B) The man has learned painting for over twenty years.  
 (C) The man began to practice cutting keys at age five.
15. (A)
- (A) She has done nothing yet.  
 (B) She has done her homework.  
 (C) She has played the piano and fed the dog.

二部分：紙筆測驗 70%

【一】文法選擇題 20% (每題 2 分)

- C 16. My father is a businessman. He \_\_\_\_\_ many countries; for example, he \_\_\_\_\_ from New Zealand last week.  
 (A) has gone to; has come back  
 (B) has ever gone to; already came back  
 (C) has been to; just came back  
 (D) has already gone to; just came back
- B 17. Alice: What is Kevin doing, honey? I need to have a talk with him.  
 Sam: Well, he's busy working on his homework. He has to hand it in tomorrow, \_\_\_\_\_?  
 (A) does he (B) doesn't he  
 (C) has he (D) hasn't he
- D 18. Bill: What \_\_\_\_\_ these days? He looks a little down and eats little.  
 Carl: Really? I didn't notice that.  
 (A) is Jerry worrying  
 (B) has Jerry worrying  
 (C) has worried to Jerry  
 (D) has Jerry been worried about
- C 19. Sam: \_\_\_\_\_ the Korean singers arrived yet?  
 Ted: No, their plane was delayed(延遲), so they \_\_\_\_\_ here half an hour later than the scheduled time.  
 (A) Did ; were  
 (B) Have; were  
 (C) Have ; will be  
 (D) Do; are

- A 20. Jane: I went back to our school to visit our teacher this year on Teacher's Day.  
 Dad: Wow, it's 10 years since we left our school.  
 There 've been a lot of changes, \_\_\_\_\_?  
 (A) haven't there (B) aren't there  
 (C) have they (D) have there
- D 21. Kitty: Guess what? Susan looked \_\_\_\_\_ when she heard that she was the winner.  
 Lucy: Wow, she did a great job. There were so many good dancers in the competition.  
 (A) surprising a lot (B) very surprisingly  
 (C) surprise very much (D) so surprised
- C 22. Many foreigners think \_\_\_\_\_ is convenient to live in Taiwan because of those convenience stores.  
 (A) it that (B) that  
 (C) it (D) this
- B 23. Tim: What's wrong with Mary? She's cried \_\_\_\_\_.  
 Amy: Well, she broke up with her boyfriend.  
 (A) since half an hour (B) for half an hour  
 (C) for this afternoon (D) in two hours
- C 24. Working hard and no exercise have made Kevin \_\_\_\_\_.  
 He is getting weaker and weaker.  
 (A) tiring easy (B) easy tired  
 (C) tired easily (D) easily tiring
- D 25. Canny: Have your family ever swum across Sun Moon Lake?  
 Herbert: No, \_\_\_\_\_. They are not good at swimming.  
 (A) they never (B) they have never.  
 (C) they haven't ever (D) they never have

【二】克漏字選擇 9% (每題 1 分)

\_\_\_\_\_26\_\_\_\_\_ Nick Vujicic? Most of us have. He's now an author, musician, and actor. But his life wasn't so happy \_\_\_\_\_27\_\_\_\_\_. Nick was born in 1982 in Melbourne, Australia, without arms and legs. Throughout his childhood, Nick \_\_\_\_\_28\_\_\_\_\_ the challenges(挑戰) of school and fought with depression(沮喪) and loneliness.

Thanks to his parents, friends and God, he got through all the difficulties along the way. Most important of all, he \_\_\_\_\_29\_\_\_\_\_ while giving his first speech at a church at age 19 and made up his mind to become an inspirational speaker. \_\_\_\_\_30\_\_\_\_\_, Nick has traveled around the world, sharing his story with millions.

Because of his body, he used to think he \_\_\_\_\_31\_\_\_\_\_ a wife. However, when he was giving a speech to a group of 16 people one day, he \_\_\_\_\_32\_\_\_\_\_ the woman of his

dreams, Kanae, and on February 12, 2012, they got married. He now lives in Southern California, USA with his wife and four kids. With his books and speeches, it's no doubt(疑問) that his story \_\_\_33\_\_\_ a lot of people. If we don't give up trying, hope follows, \_\_\_34\_\_\_?

antennae for hours after it leaves its body. This probably makes the cockroach the toughest living thing on planet.

cockroach 蟑螂      reason 原因      breathe 呼吸  
instead 取而代之的      probably 也許

B\_ 26. (A) Do you ever hear of

(B) Have you ever heard of

(C) Did you ever know

(D) Have you ever heard from

D\_ 35. What's the main idea of this reading?

(A) Cockroaches can live for a long time without food.

(B) Cockroach brains aren't like human brains.

(C) Cockroaches are seldom difficult to kill.

(D) Cockroaches can still live even without their heads.

A\_ 27. (A) in the beginning

(C) for a long time

D\_ 28. (A) has dealt with

(C) has to deal with

B\_ 29. (A) couldn't make heads or tails of everything

(B) had a whale of a time

(C) couldn't help it

(D) went door to door

A\_ 30. (A) Since then

(C) From now on

C\_ 31. (A) will have

(C) would never have

(C) must have met

C\_ 33. (A) was touching to

(C) has touched

B\_ 34. (A) is it

(C) do we

【三】閱讀測驗 18% (每題 2 分)

If you've tried to kill a cockroach, you will know first-hand how hard it is. Killing a cockroach can be "exciting" because sometimes you should even try many times just to kill one. If you see one of these amazing insects in your kitchen, you know there are many on the way for you to find. And now scientists have said they can stay alive even after getting their heads cut off!

The reason for that, unlike a human, is that roaches don't breathe through their mouths; instead, they breathe through tiny holes all over their body. Also, unlike human, a cockroach has a tiny "mini-brain" in each part of its body. This means that even without a head, it can still feel and move around. And, to top it all off, cockroaches don't need nearly as much food as humans do. \_\_\_\_\_ 36 \_\_\_\_\_

Although their bodies will die sooner or later, headless cockroaches can stay alive for several weeks. Even stranger, their heads can, too. A cockroach's head will keep waving its

(A) Cockroaches will eat anything they find to stay alive.  
(B) A cockroach can live for weeks on just one meal.  
(C) A cockroach will spend lots of time looking for food every day.  
(D) A cockroach will die easily without food.

C\_ 37 What can we know about cockroaches from the reading?  
(A) They have antennae on their bodies, not on their heads.  
(B) They eat through little holes all over their bodies.  
(C) A cockroach has tiny brains all over its body.  
(D) They will not die sometimes.

People everywhere use body language. However, it differs a lot in different cultures. Before you spend time in another country, you should learn about the body language of the people there. After you arrive, this knowledge will help you interpret their actions and keep you from offending other people by mistake.

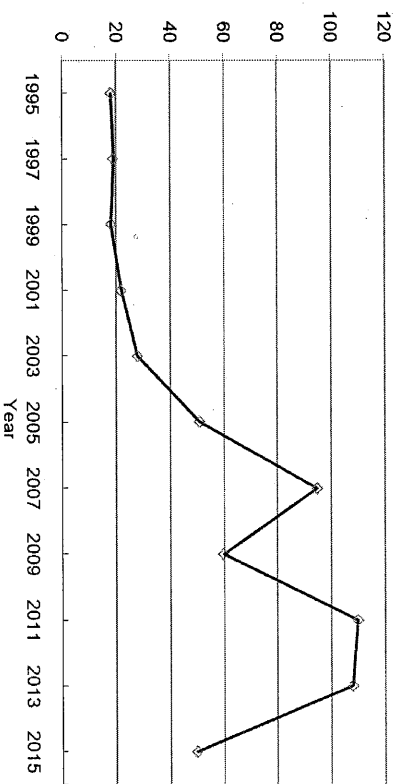
A good example is about personal space. In Asia, most people stand 3 1/2 to 4 feet apart when they talk. But in Spain and many South American countries, people stand only 12 to 18 inches apart while talking. So as a Taiwanese, you might feel a little uncomfortable sometimes when you are talking to people in these countries face to face. But if you want them to feel comfortable, you should try to overcome your feelings and follow the example.

Do we need to use all of the body language of the people you meet overseas? Maybe not. Some body language might be too embarrassing for you. For example, in some countries it's normal for people to kiss each other on one or both cheeks when they meet. If it is uncomfortable for you, then you can simply smile and shake their hands. Most people will understand and respond in the same way.

offend 冒犯      overcome 克服      normal 正常的

embarrassing 令人尷尬的    respond 回答  
1 foot=12 inches    1 inch=2.54 cm

Price in USD  
(Price of Crude Oil)



A 38. When will people need the advice in the article the most?

- (A) when people take trips abroad
- (B) when people are looking for a job
- (C) when people have health problems
- (D) when people don't do well at school

B 39. What does the word *interpret* mean in the article?

- (A) to repeat after someone
- (B) to make sense of something
- (C) to make fun of something
- (D) to feel scared of something

B 40. When you are talking to people from Brazil, a country in South America, you should stand \_\_\_\_\_ away from them.

- (A) 100-120 cm                      (B) 30-45 cm
- (C) 60-90 cm                        (D) 45-60 cm

C 41. Which is true about the reading?

- (A) We should always follow the body language of the country you visit.
- (B) Body language can bring countries closer together.
- (C) If we know more about body language, there will be less misunderstanding between people.
- (D) People will surely be displeased if you just shake hands and smile.

Misunderstanding 誤會    displeased 不悅的

Ever wonder why people call crude oil "black gold"? It's because it is so useful. We use it to power cars or keep our houses warm. It even shows up in things we find at home like shampoo and toothpaste.

Since we use a lot of crude oil in our everyday life, governments in the whole world always care about its price. They keep an eye on it all the time. On the surface, the price of the oil is a simple calculation; the price goes up or down according to its **supply and demand**. If there is too much of it, the price drops. If there isn't enough, the price rises. But there is more to it than that. What people think will happen in the future also show on the price. This means prices can go up with a jump when people sense a coming war in an oil-producing country such as Saudi Arabia.

crude oil 原油    government 政府    surface 表面  
calculation 計算    according to 根據

C 42. Look at the chart above. During which year did a war most likely break out in an oil-producing country?

- (A) 2015
- (B) 1997
- (C) 2011
- (D) 2009

C 43. Which follows the **supply and demand** theory(理論)?

- (A) The HSR train tickets cost 700 NT dollars from Taipei to Taichung and 1300 NT dollars from Taipei to Kaohsiung.
- (B) People can buy three and get one free in some shops especially during sale seasons in a department store.
- (C) After a typhoon hits Taiwan, there are fewer vegetables on market, so the price gets higher.
- (D) People like to shop online for a better price or enjoy a hot meal at home by using Apps like Uber Eats or foodpanda though the meal may cost a little more.

以下為手寫題，請將答案寫在答案卷上

以下為手寫題，請將答案寫在答案卷上

答案卷

請記得寫班級姓名

【四】文意字彙 10%(每題 1 分)

1. It's p \_\_\_\_\_ le for some plants to live with no water for weeks.
2. Please turn on the TV; my favorite p \_\_\_\_\_ m will be on in two minutes.
3. Frank put the letter in the e \_\_\_\_\_ pe and went to mail it.
4. Tom fell asleep in the movie because it was so b \_\_\_\_\_ g.
5. My goal for the next three months is to run ten k \_\_\_\_\_ rs every day.
6. The railway service in this city is e \_\_\_\_\_ t. The trains are always on time.
7. Do you have any i \_\_\_\_\_ on about the singer's concert?
8. Listening to ghost stories is s \_\_\_\_\_ y to me.
9. Sean is six f \_\_\_\_\_ t one inch tall.
10. The artist burned a small r \_\_\_\_\_ d shape into the wooden table.

【五】翻譯題 13 % (第四題 4 分，其餘 3 分)

1. 眼睛盯著圓圈，然後慢慢往前移動你的身體。
2. 大家都知道你甚麼都不怕。
3. 對客家人來說，一對紙傘是份用來祝福好運的禮物。
4. 除了小孩子以外，因為有萬聖節遊行所以許多成人也對這個節日感到興奮。

【四】文意字彙 10%(每題 1 分)

1	2	3
possible	program	envelope
4	5	6
boring	kilometers	excellent
7	8	9
information	scary	feet
10		
round		

【五】翻譯題 13 % (第四題 4 分，其餘 3 分)

1. Glue your eyes to the circles / and move your body / forward slowly.
2. Everyone knows/ (that) you are not afraid / of anything.
3. For Hakka people, /a pair of paper umbrellas / is a gift to wish good luck.
4. Besides children, / many adults also/ get excited about this holiday / because of Halloween parades.

讀卡分數	手寫分數	總分

臺北市立民生國中 108 學年度第 1 學期第 1 次段考八年級國文科答案卷（康軒版）

一、國字與注音：每題 1 分，共 10 分

樽 窳 瘠 瘴 梁 ㄩㄟ ㄣ ㄎㄨㄟ ㄨㄛ ㄍㄨㄛ、ㄩㄠ ㄉㄨㄛ

二、注釋、摘釋：每題 2 分，共 20 分

三、改錯：每字 1 分，共 10 分

1 僻奧 蓬聯勝 2 承尤 齒雍滋

四、綜合測驗：每題 2 分，共 40 分

BDBAC

ABDDC

DBABC

BDCCD

五、閱讀測驗：每題 2 分，共 20 分

CAABD

CDBDC



台北市立民生國中 108 學年度第 1 學期第 1 次段考九年級國文科答案卷（翰林版）

一、綜合測驗：每題 2.5 分，共 75 分

1	2	3	4	5	6	7	8	9	10
D	C	A	D	D	D	C	C	D	B
11	12	13	14	15	16	17	18	19	20
B	B	C	C	B	A	B	B	B	D
21	22	23	24	25	26	27	28	29	30
D	C	D	C	A	B	A	C	B	A

二、閱讀測驗：每題 2.5 分，共 25 分

31	32	33	34	35	36	37	38	39	40
D	A	A	B	C	C	C	C	A	D

台北市立民生國中 108 學年度第 1 學期第 1 次段考九年級國文科答案卷（翰林版）

一、綜合測驗：每題 2.5 分，共 75 分

1	2	3	4	5	6	7	8	9	10
D	C	A	D	D	D	C	C	D	B
11	12	13	14	15	16	17	18	19	20
B	B	C	C	B	A	B	B	B	D
21	22	23	24	25	26	27	28	29	30
D	C	D	C	A	B	A	C	B	A

二、閱讀測驗：每題 2.5 分，共 25 分

31	32	33	34	35	36	37	38	39	40
D	A	A	B	C	C	C	C	A	D

台北市立民生國民中學 108 學年度第一學期九年級地球科學科(康軒版)第一次段考試卷  
範圍：地球上的水、地貌改變及平衡

9 年 班 號 姓名

答案欄：1~32(3 分) 33(4 分)

1	B	11	D	21	D	31	B
2	A	12	A	22	A	32	A
3	B	13	C	23	C	33	C
4	D	14	C	24	C		
5	C	15	B	25	A		
6	B	16	D	26	B		
7	B	17	A	27	A		
8	D	18	C	28	D		
9	B	19	A	29	D		
10	C	20	D	30	C		

臺北市立民生國中 108 學年度第 1 學期第 1 次段考 7 年級公民科答案卷 (康軒版)

一、單題：每題 2 分，共 34 分

17	18	19	20	21	22	23	24	25	26
C	D	B	A	C	B	A	D	B	C
27	28	29	30	31	32	33			
B	D	D	A	C	D	A			

公民科八年級解答 108-1-1

一、單題：每題 2 分，共 34 分

17	18	19	20	21	22	23	24	25	26
C	A	D	B	A	D	C	D	A	D
27	28	29	30	31	32	33			
C	B	A	B	A	C	C			

108-1-1 九年級公民答案

一、單題：每題 2 分，共 34 分

17	18	19	20	21	22	23	24	25	26
A	B	C	A	C	B	A	D	D	C
27	28	29	30	31	32	33			
D	B	D	C	B	B	A			

標準答案卷 (翰林版)

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
C	A	D	B	B	C	A	A	D	D
11.	12.	13.	14.	15.	16.				
C	A	B	C	D	C				