MathConceptition

2022

K3

Question Booklet

限時：30 分鐘　　　　不允許使用計算機。

比賽須知：

1. 未宣布開始前，切勿翻閱此問題簿。

2. 請核對標籤貼紙上列出的資料是否與你相符。如有問題，請舉手。

3. 問題簿內所有題目均為多項選擇題，你需於每題選出一個答案，並用鉛筆圈出。

4. 比賽完結時監考員會收回桌上的草稿紙，但草稿紙上所書寫的任何文字或圖表將不獲評閱。

5. 此問題簿的附圖不一定依比例繪成。

Time: 30 minutes　　　　Calculators are NOT permitted.

Instructions:

1. **DO NOT OPEN THIS QUESTION BOOKLET UNTIL YOU ARE TOLD TO DO SO.**
2. **If your information on the pre-printed label is not correct, please inform the invigilator immediately.**
3. **For each question, you will be asked to choose one option from the list. Use a pencil to circle ONE answer only.**
4. **Rough-work sheets provided will be collected at the end of the contest but they will not be marked.**
5. **Diagrams in this question booklet are not necessarily drawn to scale.**

問題簿

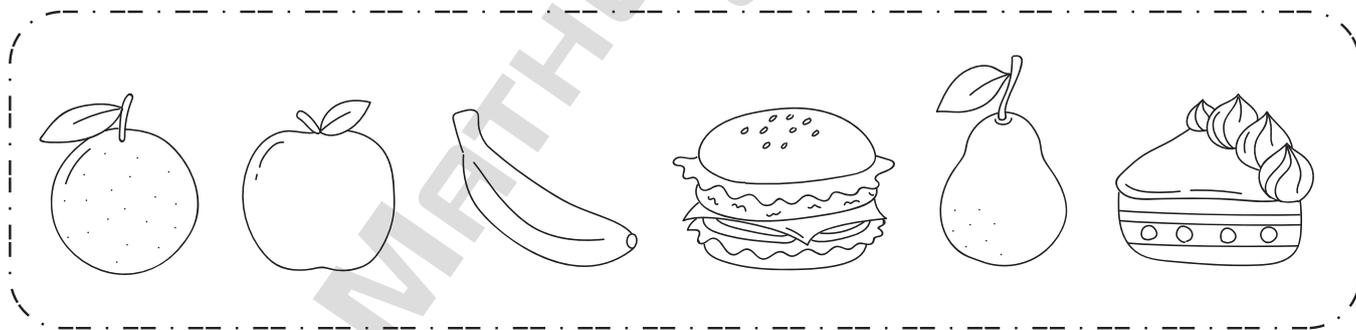**1)** 3 + 5 是多少？ [3.8%]

What is 3 + 5?

A. 35 **B.** 10 **C.** 9

D. 8 **E.** 7

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2) 數一數水果的數目。 [3.9%]

Count the number of fruits.

A. 7 **B.** 6 **C.** 5

D. 4 **E.** 3

3) 7 + 6 是多少？ [4.0%]

What is 7 + 6?

A. 14 **B.** 13 **C.** 12

D. 11 **E.** 10

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4) 從 7 開始倒數，下一個數字是甚麼？ [4.1%]

Counting backwards from 7, what is the next number?

A. 4 **B.** 5 **C.** 6

D. 7 **E.** 8

5) 哪一條路線最短？

Which route is the shortest?

A. Ⓐ

B. Ⓑ

C. Ⓒ
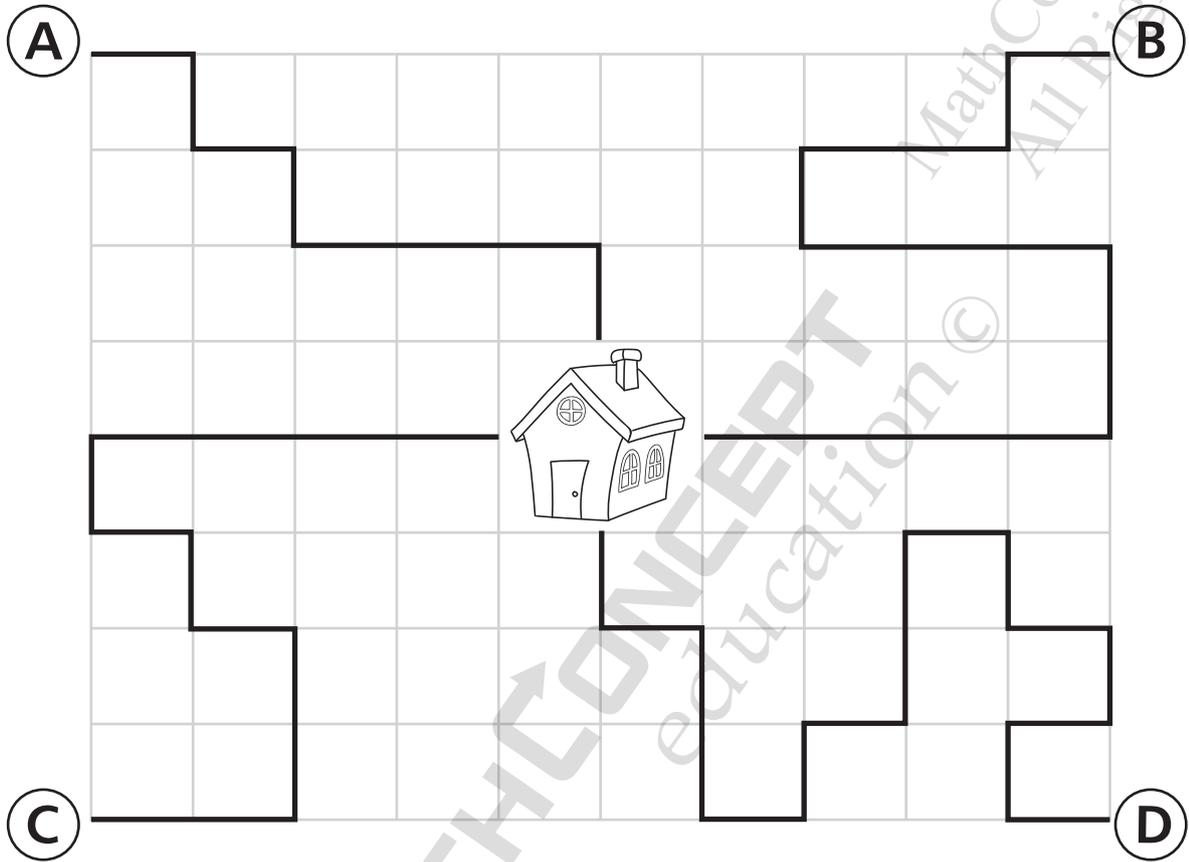
D. Ⓓ

6) 哪一個數字比 11 大 5？ [4.3%]

Which number is larger than 11 by 5?

A. 12 **B.** 13 **C.** 14

D. 15 **E.** 16

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7) 根據規律，找出橫線上的數字。 [4.4%]

Find the missing number.

$$19 , 16 , \underline{\quad ? \quad} , 10 , 7 , 4$$

A. 11 **B.** 12 **C.** 13

D. 14 **E.** 15

8) 以下哪一個不正確？ [4.5%]

Which of the following is not correct?

A. 9 比 8 大
9 is larger than 8

B. 7 比 12 小
7 is smaller than 12

C. 11 比 10 大
11 is larger than 10

D. 19 比 13 小
19 is smaller than 13

E. 16 比 6 大
16 is larger than 6

9) 小輝有 4 粒糖果。小明有 5 粒糖果。小美有 [4.6%] 3 粒糖果。三人共有糖果多少粒？

Sam has 4 candies. Peter has 5 candies. Mary has 3 candies. How many candies do they have in total?

A. 8   B. 9   C. 10

D. 11   E. 12

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10) 小耀買了13 粒巧克力。他第一天吃了 3 粒，第 [4.7%] 二天吃了 5 粒。他一共吃了多少粒巧克力？

Thomas bought 13 chocolates. He ate 3 chocolates on the first day, and ate 5 on the next day. How many chocolates did Thomas eat in all?

A. 9   B. 8   C. 7

D. 6   E. 5

11) 要砌出以下立體需要多少粒 ⬛ ？ [4.8%]

How many ⬛ are needed to build the solid below?
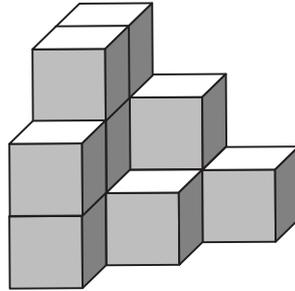
A. 8 **B.** 10 **C.** 12

D. 13 **E.** 14

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12) 根據規律，找出缺掉的圖案。 [4.9%]

Find the missing shape.
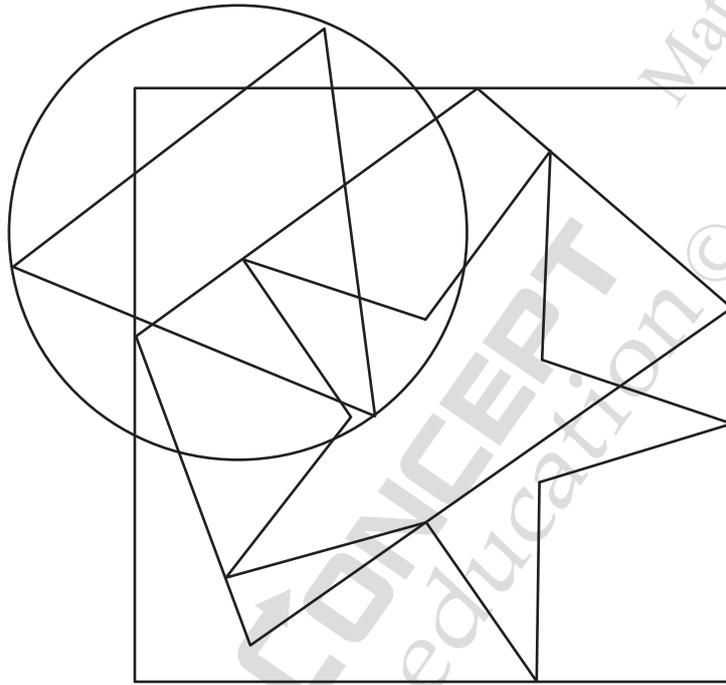
? ,

A. ⬇ **B.** ⬇ **C.** ⬆ **D.** ⬆
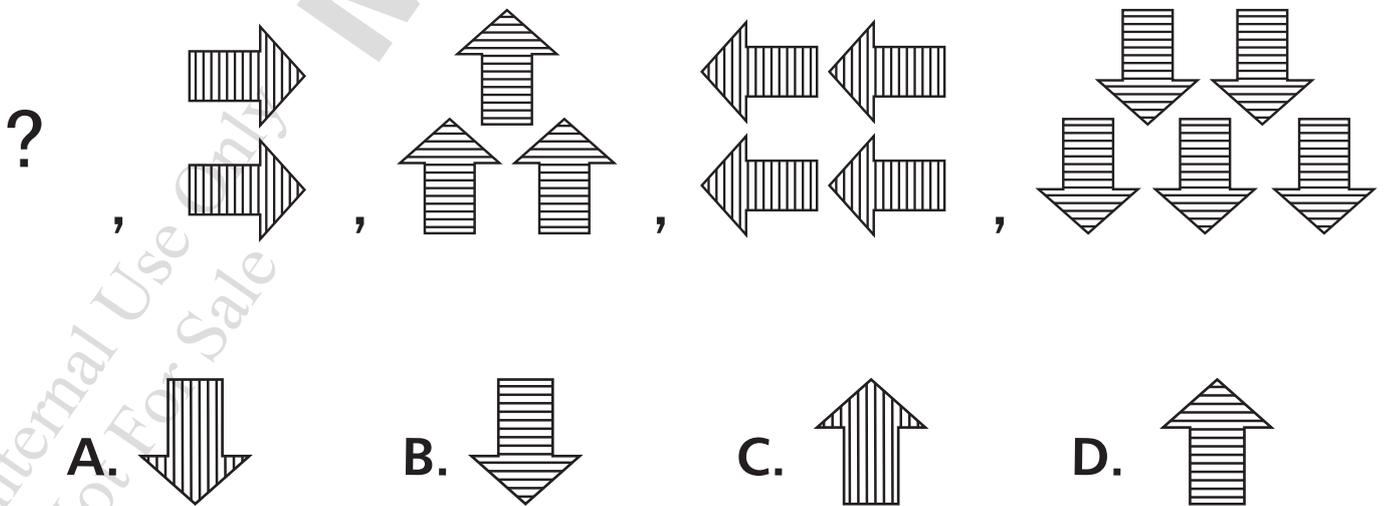
13) 下圖中沒有哪一個圖形？

Which shape is not in the picture below?

A.

B.

C.

D.

E.
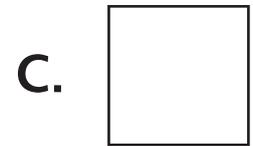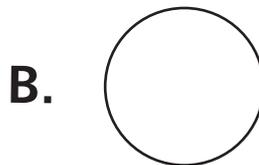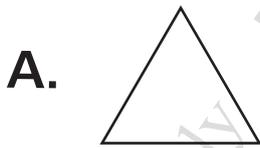
14) 今天是星期四。12 天前是星期幾？ [5.1%]

Today is Thursday. Which day of the week was it 12 days before?

A. 星期一 Monday

B. 星期二 Tuesday

C. 星期三 Wednesday

D. 星期四 Thursday

E. 星期五 Friday

F. 星期六 Saturday

G. 星期日 Sunday

15) 以下硬幣的總值是多少？ [5.2%]
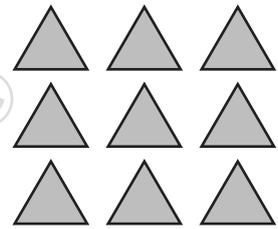
What is the total value of the coins below?
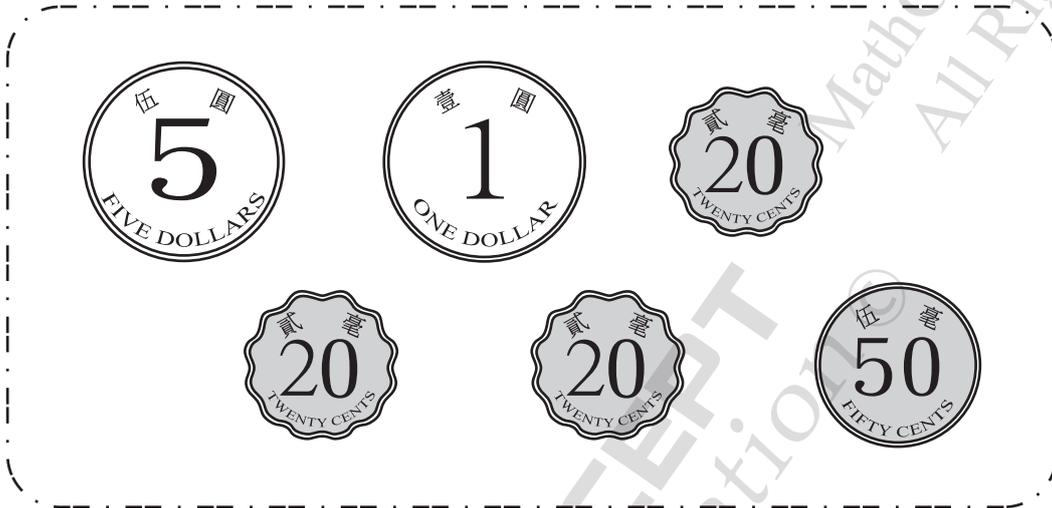
A. 5 元 6 角
   5 dollars and 60 cents

B. 6 元 9 角
   6 dollars and 90 cents

C. 7 元 1 角
   7 dollars and 10 cents

D. 8 元 2 角
   8 dollars and 20 cents

E. 9 元
   9 dollars

16) 下列排列中應該有多少個正方形？   **[6.3%]**

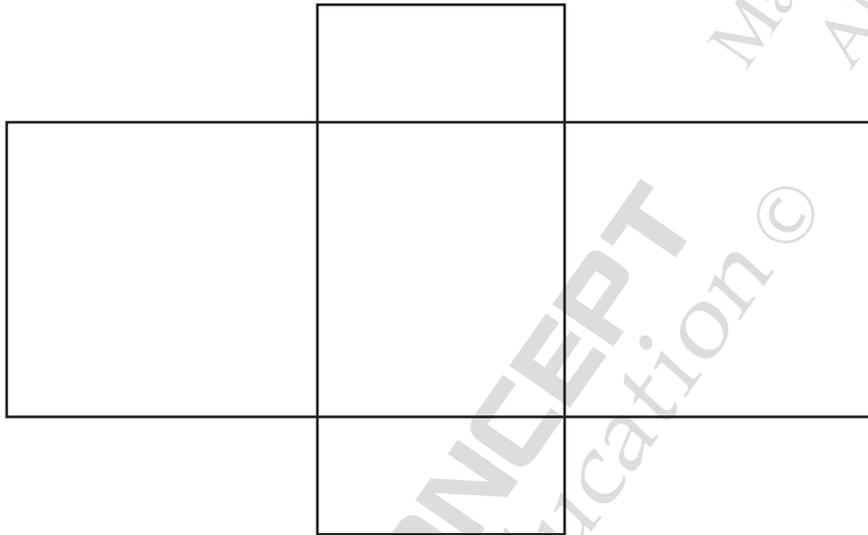How many squares should there be in the sequence?
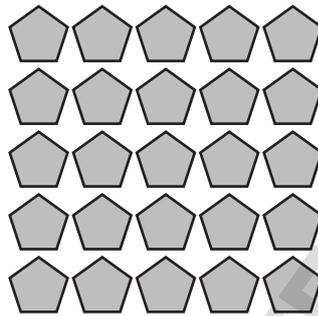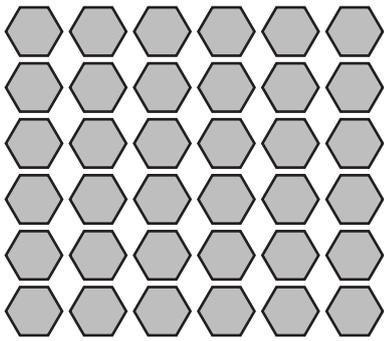
A. 20	**B.** 18	**C.** 16
D. 14	**E.** 12	**F.** 10

17) 下圖中共有多少個長方形? [6.4%]

How many rectangles are there in the figure below?

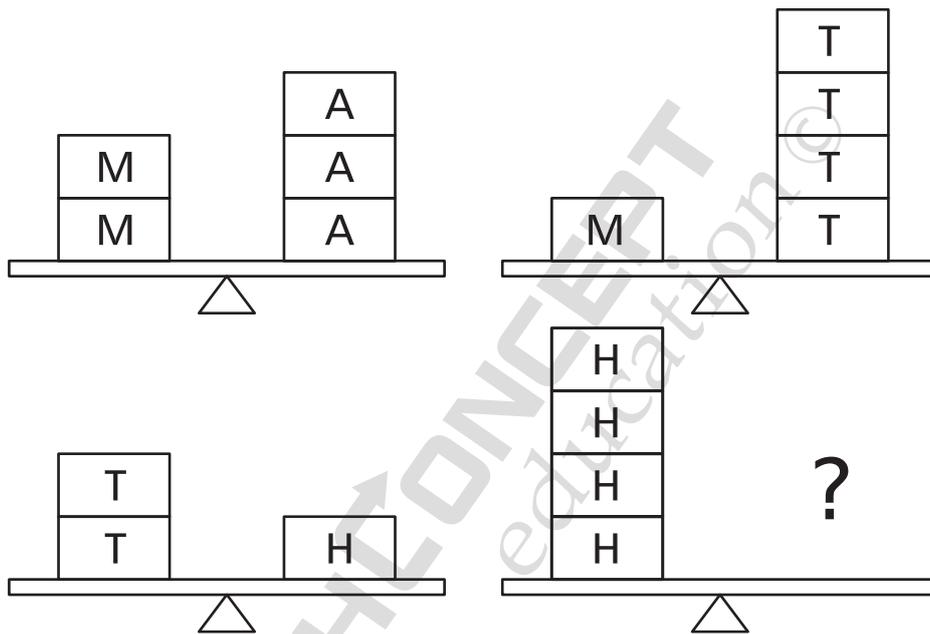**A.** 5   **B.** 7   **C.** 9

D. 10   **E.** 11   **F.** 12

18) 問號的位置有多少個 A ？ [6.5%]

How many A should be placed at the question mark below?

A. 1 **B.** 2 **C.** 3
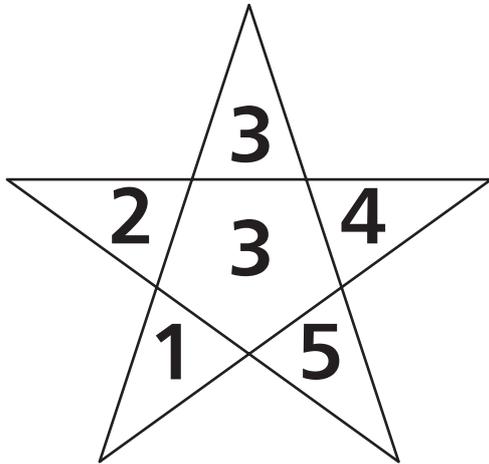
D. 4 **E.** 5 **F.** 6

G. 7 **H.** 8 **I.** 9

19) 解以下謎題。 [6.6%]

Solve the following puzzle.
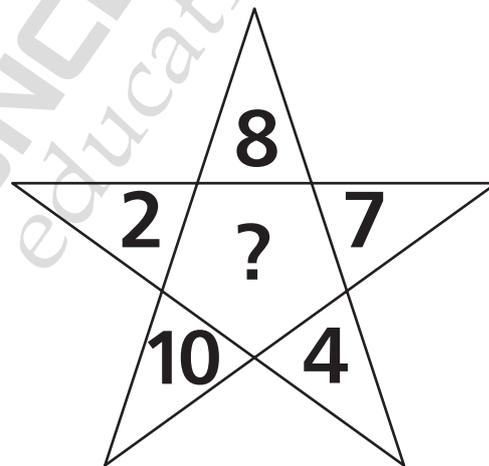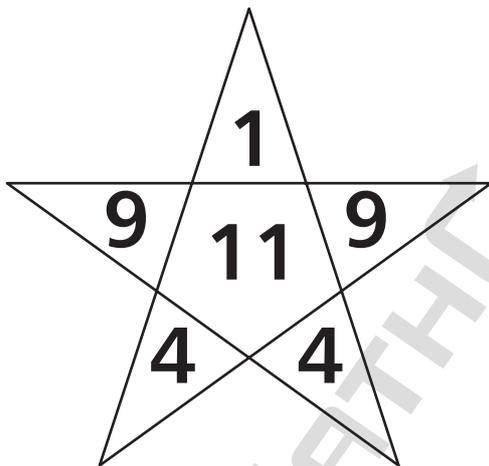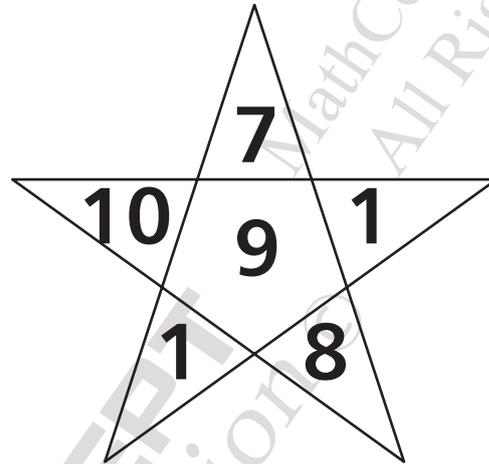
A. 8   **B.** 5   **C.** 9

D. 3   **E.** 6   **F.** 11

G. 12   **H.** 14   **I.** 17

20) 小輝把 1 到 20 各數寫在黑板上。他總共寫 [6.7%] 了多少個數位？

Peter wrote the number 1 to 20 on the chalkboard. How many digits did he write on the chalkboard?

A. 20

B. 22

C. 24

D. 27

E. 30

F. 31

G. 33

H. 35

I. 38

全卷完
End of paper

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K3

1. D
2. D
3. B
4. C
5. A

6. E
7. C
8. D
9. E
10. B

11. C
12. B
13. D
14. F
15. C

16. C
17. E
18. C
19. D
20. F