



MathConcept

2017

G1

Question Booklet

問題簿

Name:

姓名：

Reg. No.:

考生編號：

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Time: 1 hour

Calculators are NOT permitted.

Instructions:

1. DO NOT open the contest booklet until you are told to do so.
2. You may use pencil to write your answer and scrap papers for rough work.
3. All questions MUST BE answered on the answer sheet that comes with the question booklet. Any writing on the question booklet would not be accepted as answer.
4. Diagrams are not drawn to scale. They are intended as aids only.

限時：1小時

不允許使用計算機。

考生須知：

1. 在考官宣佈開始前，請勿翻閱問題簿。
2. 以鉛筆作答題目。如有需要，可要求算草紙。
3. 全部題目均須作答在答題紙上。在問題簿上的任何內容均不予評閱。
4. 試卷的附圖不一定依比例繪成。

1. $12 - 4 = ?$ [1%]

2. $15 + 12 = ?$ [1%]

3. $8 + 29 = ?$ [1%]

4. $2 + 12 + 22 = ?$ [1%]

5. $20 - 2 - 5 = ?$ [1%]

6. $23 - 7 - 3 = ?$ [1%]

7. $31 - 11 - 20 = ?$ [1%]

8. $19 + 11 + 23 = ?$ [1%]

9. $5 + 10 + 15 + 20 = ?$ [1%]

10. $1 + 2 + 6 + 4 + 3 + 5 = ?$ [1%]

11. $11 + 12 + 13 + 14 = ?$ [1%]

12. $12 - 10 + 13 - 10 = ?$ [1%]

13. $4 + 16 - 4 + 8 = ?$ [1%]

14. $80 - 10 - 60 = ?$ [1%]

15. $20 + 46 - 55 + 11 = ?$ [1%]

16. Find the missing number.

[2.0%]

找出橫線上的數字。

$$5 + \underline{\quad ? \quad} = 38$$

17. Find the missing number.

[2.1%]

找出橫線上的數字。

$$\underline{\quad ? \quad} - 6 = 74$$

18. Find the number of soccer balls on the television.

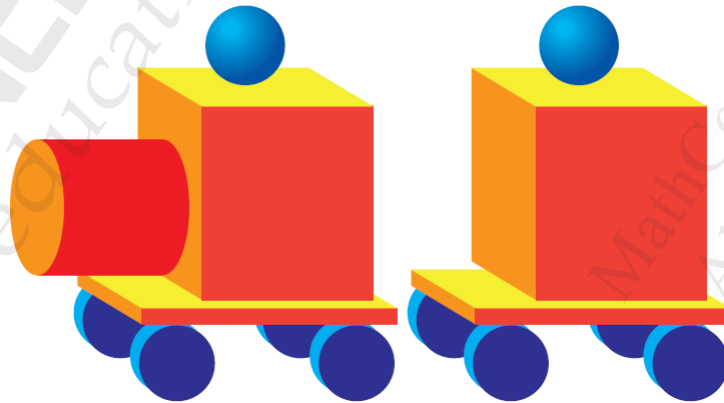
[2.2%]

找出在電視機裡面足球的數目。



19. How many prisms and cylinders are there in the figure below? [2.3%]

下圖共有多少個柱體？



20. Sam has 120 pencils. If he gives 33 pencils to Eason and 28 to Leon, how many pencils will Sam give out? [2.4%]

森榮有 120 支鉛筆。如果他把其中 33 支送給偉信，又把 28 支送給一輝後，問他共送出鉛筆多少支？

21. Kathy has 15 stickers. She has 7 more stickers than Johnny. How many stickers does Johnny have? [2.5%]

小欣有 15 張貼紙。她有的貼紙數目比小俊多 7 張。問小俊有多少張貼紙？

22. How many more curves than straight lines are there in the figure below? [2.6%]

下圖中，曲線比直線多幾條？



23. Which of the following five numbers is the greatest even number? [2.7%]

以下五個數字，哪一個是最大的雙數？

65 26 70 18 97

24. Adam has 2 dozen candies and Danny has half dozen candies. How many pieces of candy do they have altogether? [2.8%]

亞當有 2 打糖果，丹尼有半打糖果。問他們共有多少粒糖果？

25. Rachel has 10 diamonds. Monica has 2 diamonds fewer than Rachel. How many diamonds do the two girls have altogether? [2.9%]

小美有 10 粒鑽石，小麗比小美少 2 粒鑽石。問她們共有多少粒鑽石？

26. John has 145 marbles and Mary has none. After John gives Mary 40 marbles, how many more marbles does John have than Mary? [3.0%]

小壯原有 145 粒波子而瑪麗沒有任何波子。當小壯把他其中的 40 粒波子給了瑪麗後，小壯有的波子數目比瑪麗多幾粒？

27. How much in dollars do all the coins worth in total?

[3.1%]

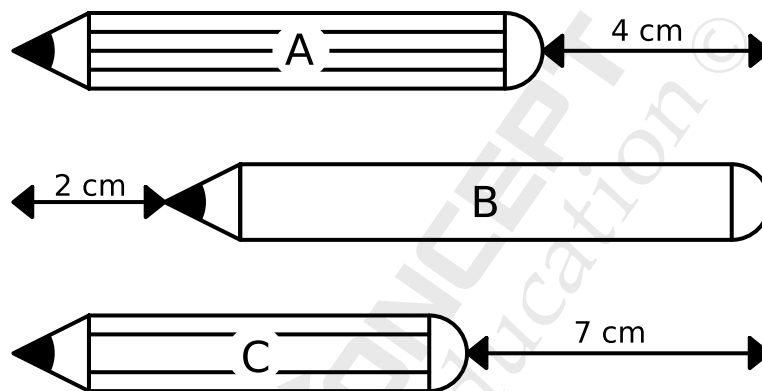
以下的硬幣總值是多少元？



28. By how many centimeters is pencil A longer than pencil C?

[3.2%]

鉛筆 A 比鉛筆 C 長多少厘米？



29. Find the missing number in the pattern.

[3.3%]

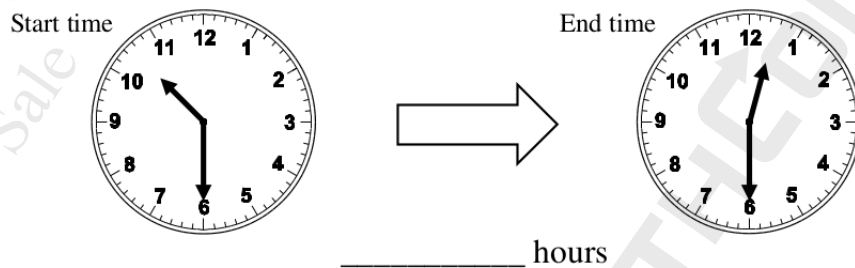
根據規律，找出橫線上的數字。

100, 94, 88, 82, _____, 70, 64

30. How many hours have passed?

[3.4%]

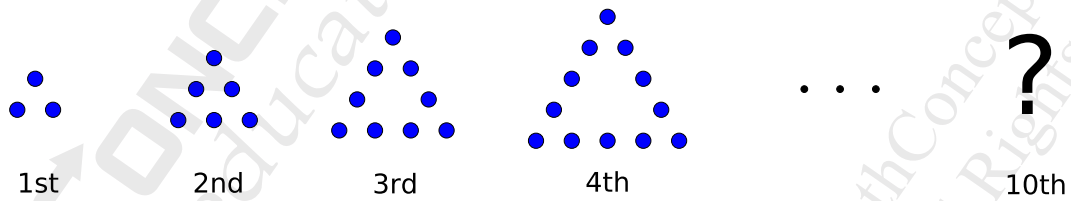
過了多少小時？



31. How many dots are there in the 10th figure?

[4.0%]

圖中第 10 組圖案有多少個圓點？



32. From 1 to 100, Peter wrote “ $1 \star 2 \star 3 \star 4 \star 5 \star \dots \star 98 \star 99 \star 100$ ” on the chalkboard. [4.1%]

How many \star did he write?

彼得由 1 到 100，把「 $1 \star 2 \star 3 \star 4 \star 5 \star \dots \star 98 \star 99 \star 100$ 」寫在黑板上。他寫了多少個 \star ？

33. Day 1 is Wednesday. What day is Day 67?

[4.2%]

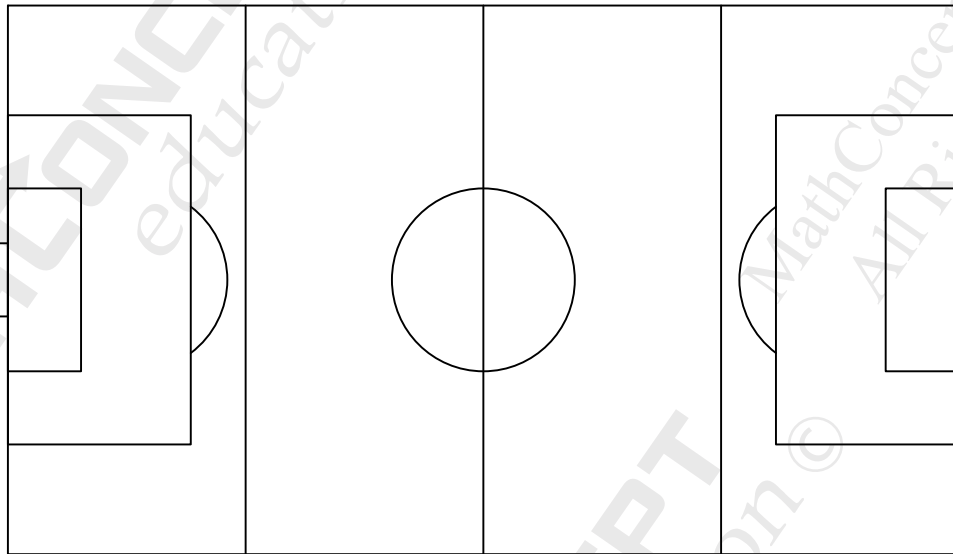
第 1 日是星期三，第 67 日會是星期幾？

Sun Mon Tue Wed Thu Fri Sat

34. Count the number of rectangles.

[4.3%]

數出長方形的數目。



35. There are 20 children lining up outside a theme park. John is the 14th person counting from the front of the line and Mary is the 8th person counting from the back of the line. How many children are standing in line between John and Mary? [4.4%]

有 20 個小朋友排隊進入一個主題公園。從前面數，小壯排在第 14 位。從後面數，瑪利排在第 8 位。問小壯和瑪利中間有多少個小朋友？

36. There are 12 people taller than Steve and 8 people shorter than Paul in a classroom. [4.5%]

If Paul is taller than Steve, at least how many people are in the classroom?

一間班房裡面有 12 個人比小夫高、有 8 個人比小羅矮。如果小羅比小夫高，問班房裡面最少有多少人？

37. Find the missing number in the pattern.

[4.6%]

根據規律，找出橫線上的數字。

1, 3, 5, 7, _____, 12, 16, 18, 23, 25, ...

38. Given ten number cards as shown below. How many ways can you put the number [4.7%]

cards into 4 boxes below to make the equation true?

有十張數字卡，每個空格都要放一張數字卡。有多少個不同的放法？

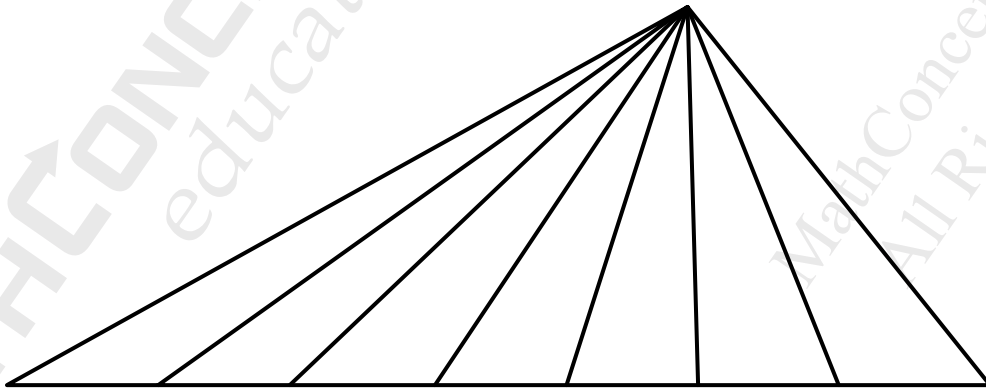
0 1 2 3 4 5 6 7 8 9

$$\square\square + \square + \square = 19$$

39. How many triangles are there?

[4.8%]

下圖共有多少個三角形？



40. Alvin always tells the truth on Sundays, Tuesdays and Thursdays, but lies on every other days. [4.9%]

One day he said, "I told the truth yesterday."

On which day of the week did he make this statement?

小文會在星期日、星期二和星期四講真話，其他日子都會講謊話。

有一天，他說：「我昨天講了真話。」

那麼他是在星期幾講這句說話的呢？



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ANSWER SHEET

1) 8	11) 50	21) 8	31) 30
2) 27	12) 5	22) 4	32) 99
3) 37	13) 24	23) 70	33) Sat / 六
4) 36	14) 10	24) 30	34) 16
5) 13	15) 22	25) 18	35) 0
6) 13	16) 33	26) 65	36) 13
7) 0	17) 80	27) \$32	37) 10
8) 53	18) 9	28) 3	38) 24
9) 50	19) 13	29) 76	39) 28
10) 21	20) 61	30) 2	40) Sat / 六