MathConception
2019

P1

Question Booklet

問題簿

Name:
姓名：

Reg. No.:
登記編號：

Time: 1 hour
Calculators are NOT permitted.

Instructions:

1. **DO NOT OPEN THIS QUESTION BOOKLET UNTIL YOU ARE TOLD TO DO SO.**
2. **Write your name and registration number on the cover of this question booklet.**
3. **Please use a pencil and write your answers neatly ONLY on the answer sheet provided. DO NOT write or draw in the circle next to each answer box. No mark will be given if you failed to follow this instruction.**
4. **If the information printed on your answer sheet is not correct, please inform the invigilator immediately.**
5. **Rough-work sheets provided will be collected at the end of the contest but they will not be marked.**
6. **Diagrams in this question booklet are not necessarily drawn to scale.**

限時：1小時
不允許使用計算機。

考生須知：

1. 未宣布開始前，切勿翻閱此問題簿。

2. 請在此問題簿封面的適當位置寫上你的姓名及登記編號。

3. 所有答案必須寫在答題紙內，並須用鉛筆作答。請勿填寫或畫花題號後方的圓圈，否則該題答案將會作廢。

4. 請核對答題紙上列出的資料是否與你相符。如有問題，請舉手。

5. 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。

6. 此問題簿的附圖不一定依比例繪成。

1) $4 + 15 = ?$ [1%]

2) $12 - 7 = ?$ [1%]

3) $13 + 21 = ?$ [1%]

4) $27 - 12 = ?$ [1%]

5) $16 + 17 = ?$ [1%]

6) $3 + 9 + 2 = ?$ [1%]

7) $19 - 8 - 3 = ?$ [1%]

8) $12 + 13 + 14 = ?$ [1%]

9) $37 - 11 - 6 = ?$ [1%]

10) $30 + 17 + 23 = ?$ [1%]

11) $35 + 29 - 13 = ?$ [1%]

12) $26 - 12 + 48 = ?$ [1%]

13) $28 + 37 - 22 = ?$ [1%]

14) $20 - 13 + 67 = ?$ [1%]

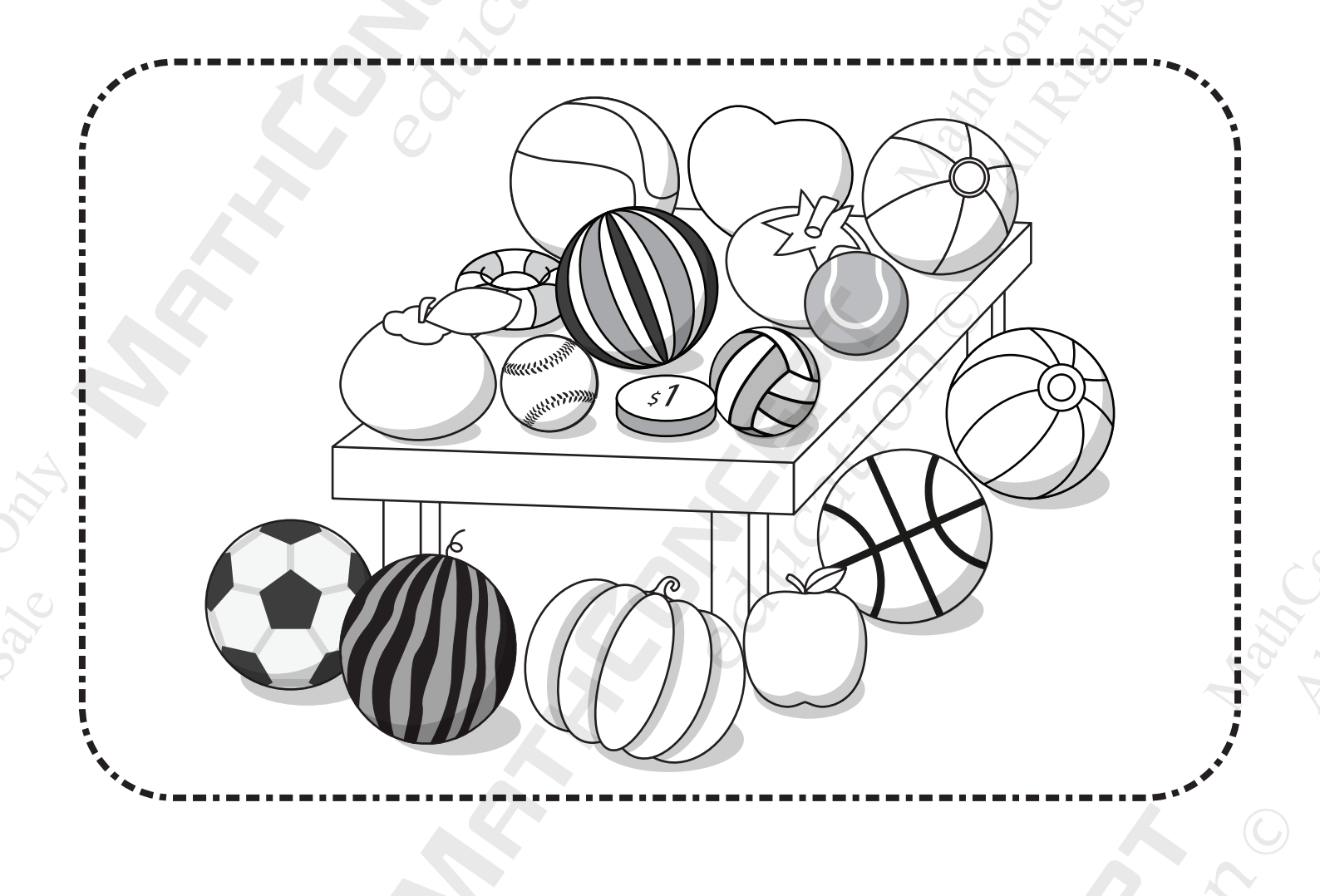**15)** $65 - 54 + 43 - 32 = ?$ [1%]

16) How many pyramids are there in the figure [2.0%] below?

下圖共有多少個錐體？
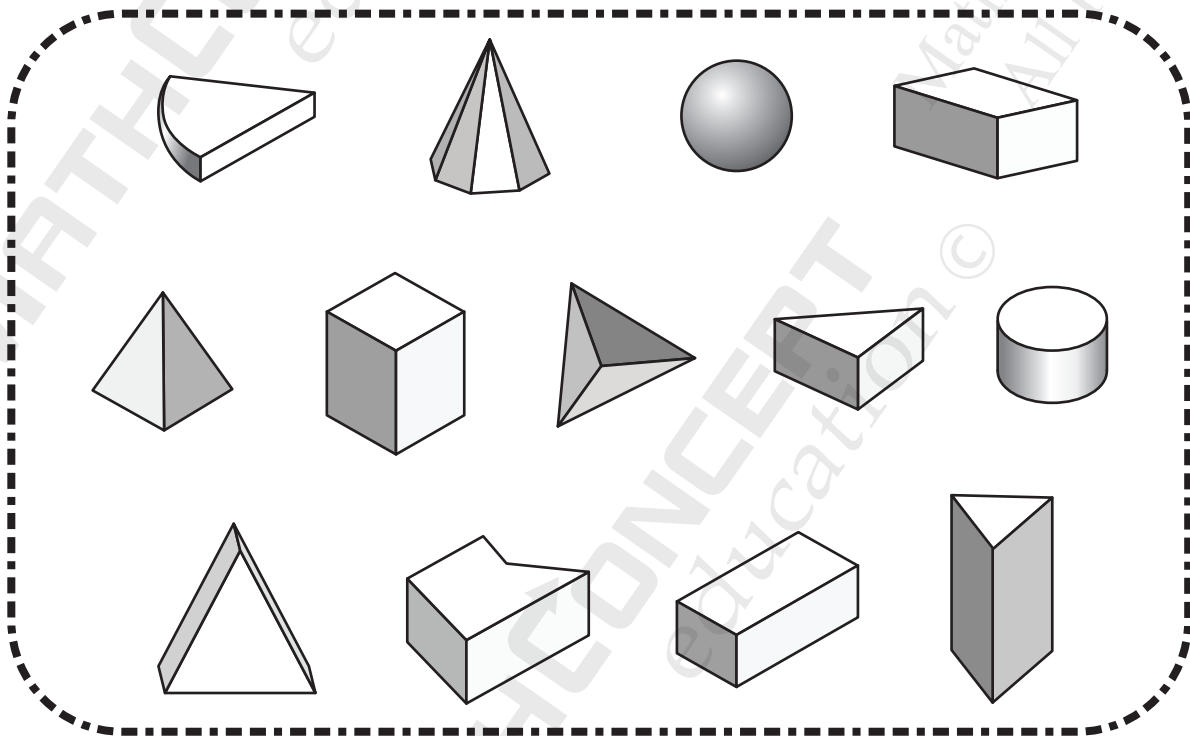
17) How many balls are there on the table? [2.1%]

找出桌面上球類的數目。

18) Form the smallest 2-digit even number by [2.2%] using the digits below.

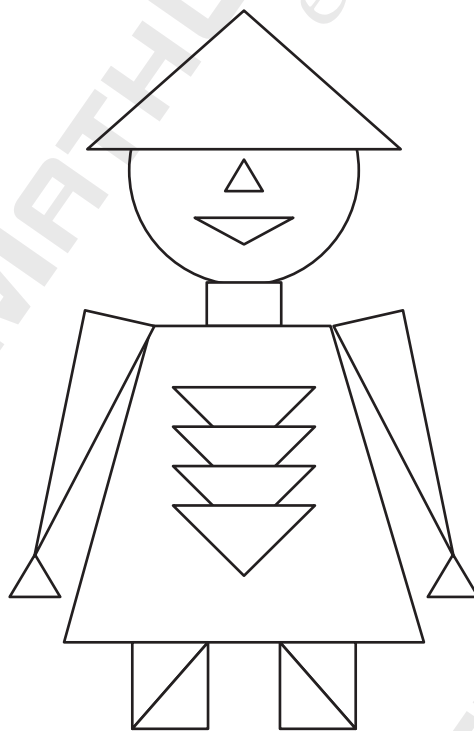利用以下數字，組成一個最小的兩位雙數。

4 , 8 , 0 , 1 , 2

19) Find the missing number in the pattern. [2.3%]

根據規律，找出橫線上的數字。

$$1 \, , \, 8 \, , \, 15 \, , \, \underline{} \, , \, 29 \, , \, 36 \, , \, ...$$

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20) How many triangles are there in the figure [2.4%] below?

下圖共有多少個三角形？

21) Find the missing number. [2.5%]

找出橫線上的數字。

$$62 + \underline{\ ?\ } = 38 + 24$$

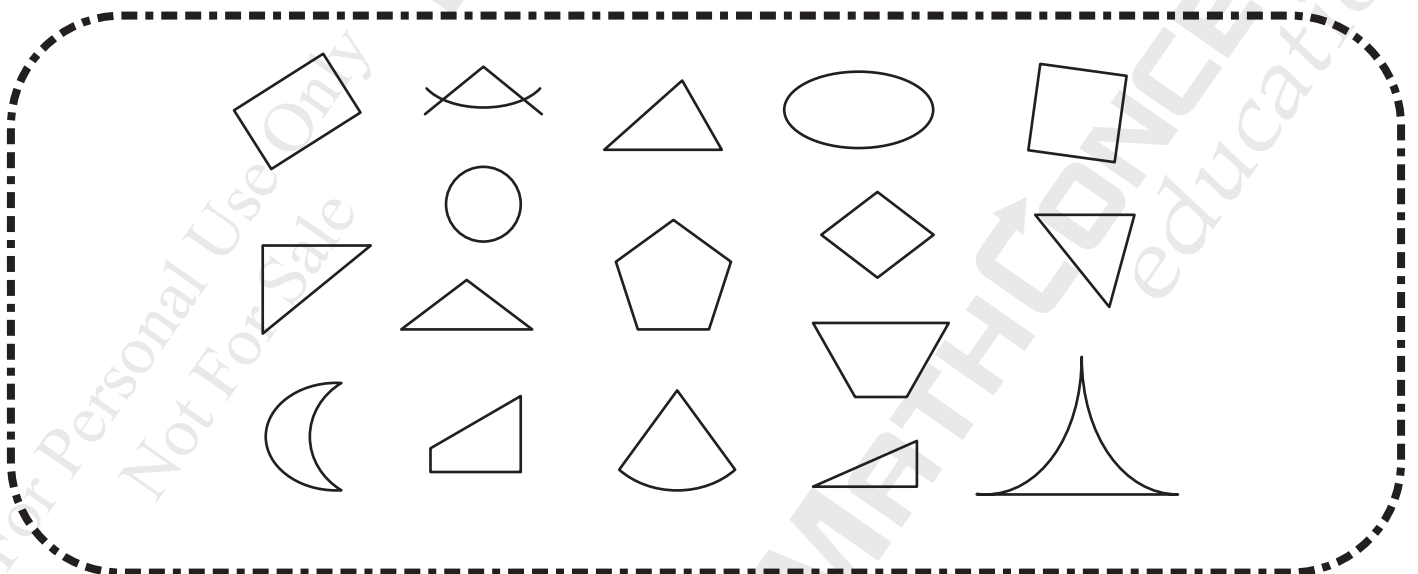**22)** Find the missing number. [2.6%]

找出橫線上的數字。

$$15 - 8 = 9 - \underline{\ ?\ }$$

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23) How many shapes below are formed by both straight lines and curves? [2.7%]

以下有多少個圖形同時以直線和曲線組成？

24) John wants to buy two boxes of fries and one cup of soft drink, how much does he need to pay?   [2.8%]

小明想買 2 包薯條和 1 杯汽水，共需付多少元？

$ 16.50　　$ 12.40　　$ 9.20

25) There are 25 animals lining up below. If is in the 1st place, then is in the _____ place.   [2.9%]

下圖有 25 隻小動物在排隊。如果 是排第1 ，

那麼 排第_____。

26) How many hours have passed? [3.0%]

過了多少小時？

Start time
開始時間

End time
結束時間

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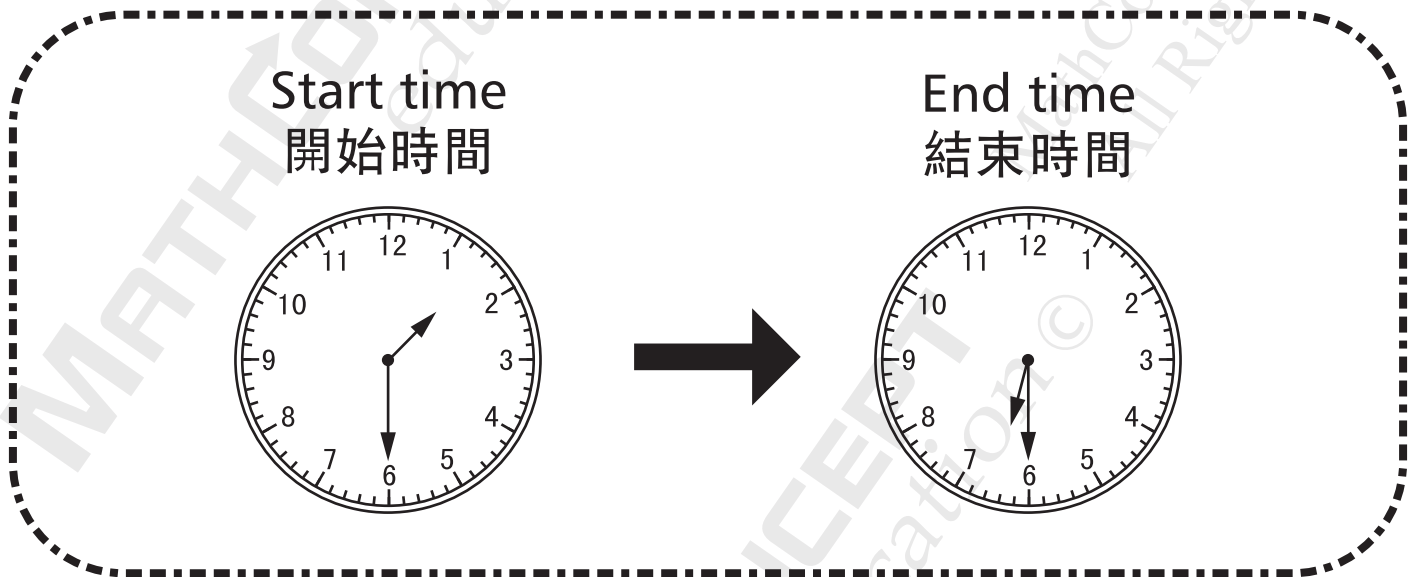
27) An umbrella is 88 cm long, which is longer [3.1%]
than a wooden stick by 35 cm. How long is
the stick in cm?

一把雨傘長 88 厘米，比一根木棒長 35 厘米。
問這根木棒長多少厘米？

28) A cake shop had 66 cakes. After selling out 42 [3.2%] cakes in the morning, the baker made 18 more cakes. How many cakes are there in the shop?

蛋糕店原有 66 個蛋糕，上午售出 42 個後，蛋糕師傅又造了 18 個。問蛋糕店現有蛋糕多少個？

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29) Find the difference between the largest 2-digit [3.3%] odd number and the smallest 2-digit odd number.

最大的兩位單數減去最小的兩位單數是多少？

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30) If 1st February is Friday, which day of the week [3.4%] will 18th February be?

如果 2 月 1 日是星期五，那麼 2 月 18 日是星期幾？

31) Danny has 36 candies. He has 17 candies fewer than Tommy does. How many candies do they have altogether? [4.0%]

小聰有 36 粒糖果，比大輝少 17 粒。問他們共有糖果多少粒？

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32) Alan is 13 years old. He is 5 years older than Billy. Billy is 2 years younger than Carl. How old is Carl? [4.1%]

小明今年 13 歲，比家強大 5 歲，而家強又比志堅小 2 歲。問志堅今年多少歲？

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33) Choose 4 different numbers from below and fill in each box with one of the numbers. Find the largest possible outcome. [4.2%]

從以下數字選出 4 個不同的數字，放入下面的方格中，每個方格只可放一個數字，算式的答案最大是甚麼？

$$6 , 3 , 9 , 7 , 5$$

$$\boxed{}\boxed{} - \boxed{}\boxed{} = \underline{\quad ? \quad}$$

34) Find the missing number in the pattern. [4.3%]

根據規律，找出橫線上的數字。

$$11 , 22 , \underline{\ ?\ } , 20 , 37 , 18 , 50 , 16 , \ldots$$

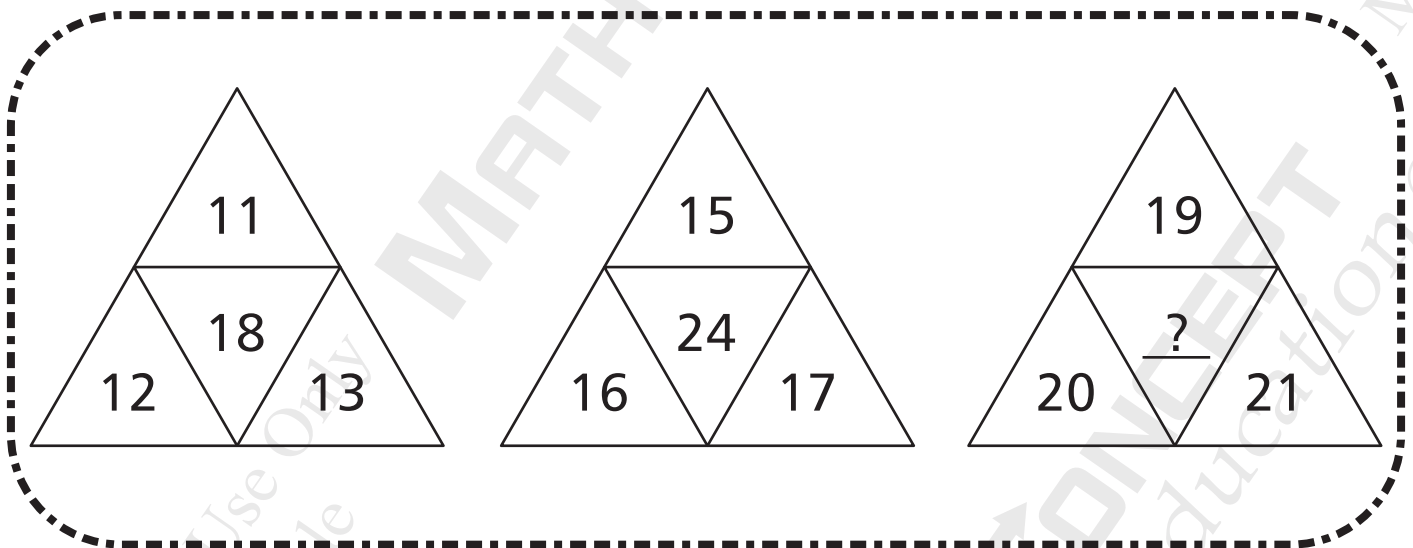35) How many squares are there in the figure [4.4%] below?

下圖共有多少個正方形？
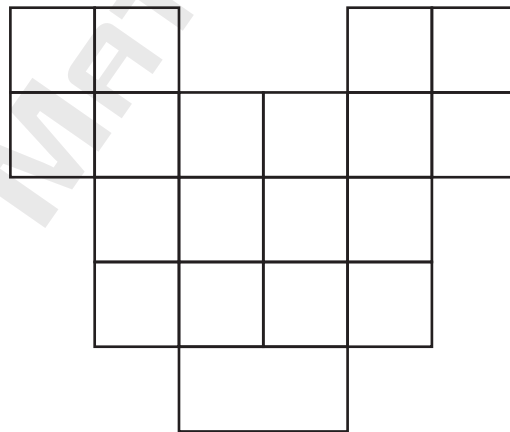
36) How many 2-digit odd numbers have the [4.5%] difference between its units digit and its tens digit equal to 1?
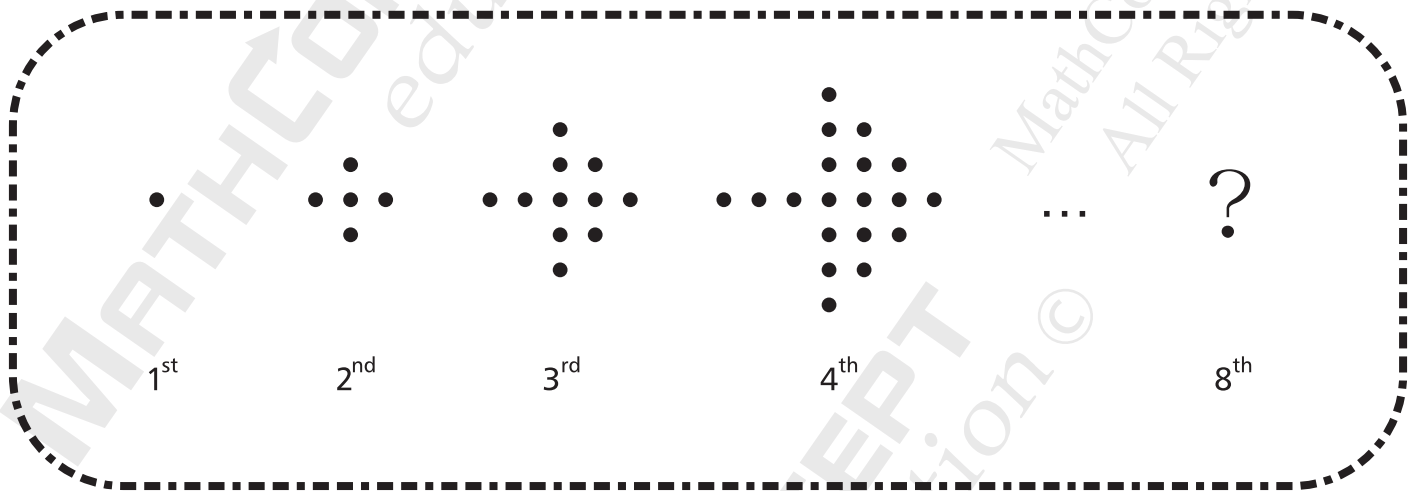
有多少個兩位單數，它們的個位數字與十位數字的差是 1？

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37) Find the missing number. [4.6%]

找出橫線上的數字。

38) How many dots are there in the 8th figure? [4.7%]

圖中第 8 組圖案有多少個圓點？

1st 2nd 3rd 4th … 8th

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39) Find the missing number in the question mark box. [4.8%]

根據規律，找出問號方格內的數字。

11	18	13	12	15	14	17
	6	17	16	11	18	
			?			

40) Quinn, Roy, Sam and Tom are lining up at a bus stop. [4.9%] Quinn is in front of Roy, Roy is in front of Sam and Tom is in the last place. If there are 8 people in front of Quinn, 11 people in between Quinn and Sam, and 7 people in between Roy and Tom, at least how many people are lining up at the bus stop?

甲、乙、丙和丁四人在巴士站排隊。甲排在乙的前方，乙又排在丙的前方，而丁排在最後。若甲的前面排了 8 人，甲和丙之間排了 11 人，而乙和丁之間排了 7 人，問在巴士站排隊的最少有多少人？

End of paper
全卷完

	ANSWER			ANSWER			ANSWER			ANSWER	
1	19	○	11	51	○	21	0	○	31	89	○
2	5	○	12	62	○	22	2	○	32	10	○
3	34	○	13	43	○	23	3	○	33	62	○
4	15	○	14	74	○	24	34 / $34.00	○	34	24	○
5	33	○	15	22	○	25	$22 / 22^{nd}$	○	35	29	○
6	14	○	16	3	○	26	5	○	36	8	○
7	8	○	17	6	○	27	53	○	37	30	○
8	39	○	18	10	○	28	42	○	38	71	○
9	20	○	19	22	○	29	88	○	39	16	○
10	70	○	20	12	○	30	一(星期一) Monday	○	40	22	○

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