

數學科 Mathematics

小四 Primary 4

模擬考試卷 Mock Exam

(四十分鐘 45 minutes)

評估須知:

Instructions:

1. 考生請在封面寫上姓名，班級及評估日期。Write your name, class and date on the first page of the exam paper。

2. 考生必須於限時 45 分鐘內依題目指示完成所有題目。

You should answer all the questions within 45 minutes。

3. 在試場內，考生須依從監考老師的指示。

During the examination, you should follow teacher' s instructions.

4. 在試場內，考生須保持肅靜。

You should keep quiet during the examination.

5. 在試場內，考生不得談話或騷擾他人。

You should not talk and disturb others during the examination.

6. 考生不得攜帶食物或飲品進入試場。

Eating and drinking is not allowed during the examination.

7. 未經指示，考生不得翻閱派發之試題或作答。Exam paper cannot be opened before teacher' s instruction.

8. 考試進行時，考生不得無故離開試場，或東張西望。

You should not leave the classroom or look around during the examination.

姓名 Student: _____

班級 Class: _____

日期 Date: _____

1. 運算題 Operation	/40
2. 選擇題 MC Questions	/10
3. 對稱軸題 symmetry Questions	/6
3. 不列式應用題 Short Questions	/24
4. 列式應用題 Long Questions	/20
合計:	/100

(一) 計算下列各題。(每題 2 分，共 20 分)

Answer the following questions. (20 marks, 2 marks each)

1. $142 \times 13 = ?$ 1. 1846
2. $251 \times 23 = ?$ 2. 5773
3. $748 \div 11 = ?$ 3. 68
4. $76 \times 130 \div 100 = ?$ 4. 98.8
5. $80 \times 15 + 75 = ?$ 5. 1275
6. $90 \times (90 \div 90) = ?$ 6. 90
7. $(25 + 55) \times 60 \div 30 = ?$ 7. 160
8. $2\frac{5}{8} + 2\frac{1}{8} - \frac{7}{8} = ?$ 8. $3\frac{7}{8}$
9. $\frac{3}{11} + \frac{3}{11} + \frac{3}{11} = ?$ 9. $\frac{9}{11}$
10. $14\frac{3}{5} + 20\frac{2}{5} - 5\frac{3}{5} = ?$ 10. $29\frac{2}{5}$

(二) 把正確答案填在橫線上。(每題 2 分，共 10 分)

Write the answers on the lines provided. (10 marks, 2 marks each)

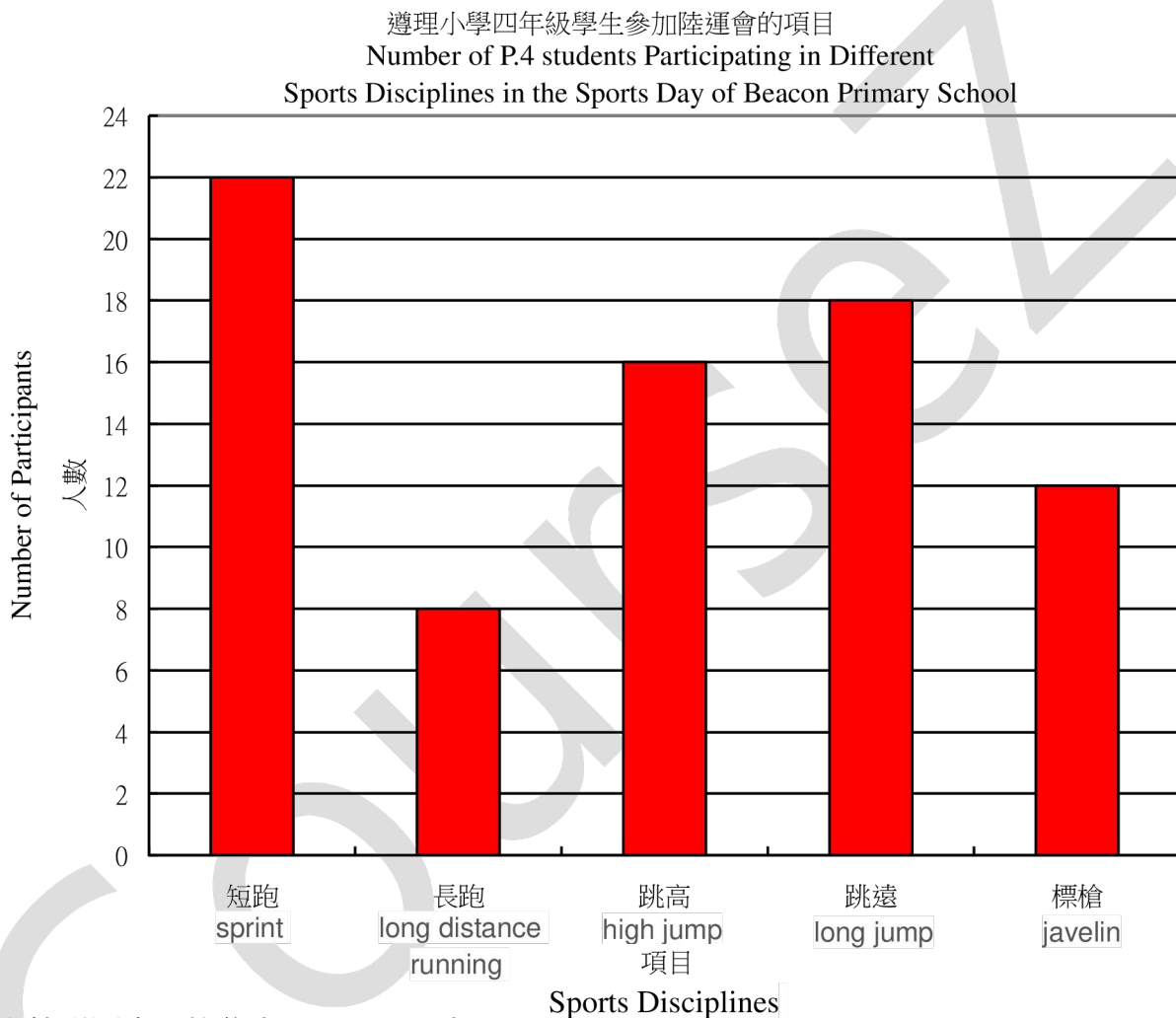
11. 32 和 48 的 L.C.M. 是 96
The L.C.M. of 32 and 48 is 96
12. 60 和 35 的 L.C.M. 是 420
The L.C.M. of 60 and 35 is 420
13. 22 和 66 的 H.C.F. 是 22
The H.C.F. of 22 and 66 is 22
14. 82 和 123 的 H.C.F. 是 41
The H.C.F. of 82 and 123 is 41
15. 寫出一個可以被 6 整除的 71 的倍數：426 / 852 (其他合理答案亦可)
Write down a multiple of 81 that is divisible by 5 : 426 / 852 (Any possible answer)

(三) 根據統計圖，回答 16-20 題。(每題 2 分，全對才給分，共 10 分)

According to the bar chart, answer questions 16-20. (10 marks, 2 marks for each correct answer)

以下是遵理小學四年級陸運會中各項目的參加人數統計：

Below is the number of P.4 students participating in different sports disciplines in the sports day of Beacon Primary School :



16. 以上棒形圖中一格代表____2____人。

Each grid represents ____2____ participants.

17. 最少四年級學生參加的項目是____長跑____，共有____8____人。

The sports discipline with the least P.4 participants is Long Distance Running with ____8____ participants.

18. 最多四年級學生參加的項目是____短跑____，共有____22____人。

The sports discipline with the most P.4 participants is Sprint with ____22____ participants.

19. 參加短跑的同學比參加標槍的同學多 ____10____人。

Number of participants joining sprint is more than that of joining javelin by ____10____.

20. 參加長跑同學比參加短跑同學少 _____14_____人。

Number of participants joining long distance running is less than that of joining sprint by _____14_____.

- (四) 選擇題：把正確答案的○填滿黑色。(每題 2 分，共 10 分)

Multiple choice: blacken the circle next to the correct answer. (10 marks, 2 marks each)

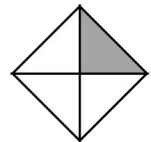
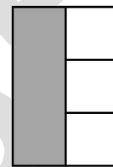
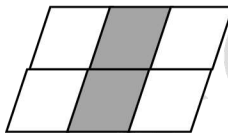
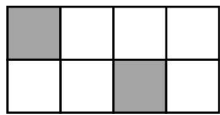
21. 以下那一個數字中“2”所代表的數值最小?

In which number does the number “2” represent the smallest value?

- ☐ A. 0.2 ☐ B. 0.02 ☐ C. 2.01 ☒ D. 5.002

下列各圖中，那些圖陰影部分佔全圖的 $\frac{1}{4}$?

22. Which of the following figure has the shaded part representing $\frac{1}{4}$ of the whole figure?



- ☐ A. ☐ B. ☐ C. ☒ D.

23. 430 不能被以下那一個數整除?

430 cannot be divided by which of the following number to give an integer?

- ☐ A. 2 ☒ B. 3 ☐ C. 5 ☐ D. 10

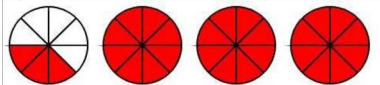
43 加上以下那些數字後可以被 5 整除?

24. Which of the following number can be added to 43 to form an integer which is divisible by 5 to give an integer?

- ☐ A. 55 ☐ B. 40 ☒ C. 27 ☐ D. 38

下圖著色部分用分數表達，會是：

To represent the coloured part below with fraction, it will be :

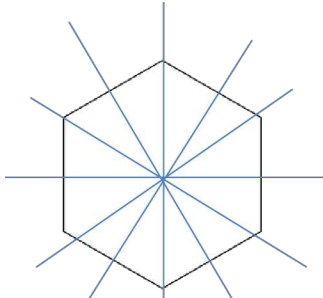
25. 

- ☐ A. $3\frac{1}{8}$ ☐ B. $4\frac{3}{8}$ ☐ C. $\frac{19}{8}$ ☒ D. $\frac{27}{8}$

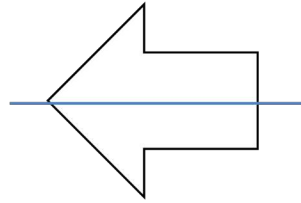
- (五) 以畫線表示下圖的所有對稱軸。(每題 3 分，共 6 分)

Draw all the lines of symmetry on each shape. (6 marks, 3 marks each)

26.



27.



(六) 不列式應用題 (每題 3 分, 共 24 分)

Short questions (24 marks, 3 marks each)

最接近 876、又可以被 2 和 5 整除的整數是甚麼?

28. What is the smallest integer which is the nearest to 876 and is divisible by 2 and 5? 28. 880

617 的第 73 個和第 74 個倍數相差多少?

29. What is the difference of the 73th and 74th multiple of 617? 29. 617

每個紙箱可以放 68 個蘋果, 如有 983 個蘋果需要多少個紙箱才可以擺放全部蘋果?

30. Every box can hold 68 apples. If there are 983 apples, how many boxes are needed at least to hold all the apples? 30. 65 個 boxes

爸爸和媽媽買了 5 個薄餅, 他們分別吃了 $\frac{5}{8}$ 及 $\frac{4}{8}$ 個薄餅, 還剩下多少個薄餅?

31. Dad and Mum bought 5 pizzas and they ate $\frac{5}{8}$ and $\frac{4}{8}$ of them respectively. How many pizzas were left? 31. $3\frac{7}{8}$ 個 pizzas

遵理小學有 812 名學生, 於全校大旅行中有 43 人決定不出席。如每架旅遊巴可載 65 人, 則遵理小學需要租多少架旅遊巴來接載學生?

32. Beacon Primary School has 812 students and 43 of them **do not** attend the school picnic day. If each shuttle bus can carry 65 students, how many shuttle buses are needed to carry all the students who attend to the picnic? 32. 12 架 shuttle buses

將 $\frac{155}{10}$ 化為最簡帶分數。

33. Convert $\frac{155}{10}$ to a proper fraction in the simplest form. 33. $15\frac{7}{8}$

麗莎昨天用了 $1\frac{5}{12}$ 小時練習英語, 今天她練習英語的時間比昨天少了

34. $\frac{8}{12}$ 小時。這兩天她一共用了多少時間練習英語? 34. $2\frac{1}{12}$ 小時 hours

Lisa practised speaking English for $1\frac{5}{12}$ hours yesterday and today she

practises $\frac{8}{12}$ hours less than yesterday. How much time did she spend on

practising speaking English in these two days?

產品 A 的售價是 360 元，產品 B 的售價是 480 元。產品 A 的售價是
產品 B 的幾分之幾？

35.

Product A is sold at \$360 and product B is sold at \$480. Express the ratio of the price of product A to the price of product B in fraction.

35. $\frac{3}{4}$

(七) 列式應用題，必須列式作答，並列出題解及於答案附上單位。(每題 4 分，共 20 分)

Answer the following questions with steps and give answers with units. (20 marks, 4 marks each)

36.

李先生買了 45 個價值 15 元的擺設作為抽獎禮物。用同樣的價錢的話，可以買價值 30 元的曲奇餅多少盒？還餘下多少元？

Mr. Lee has bought 45 knick-knacks at \$15 each for the lucky draw. With the same amount, how many assorted cookies of \$30 each can he buy? How much is left?

$$\begin{aligned} &45 \times 15 \div 30 \\ &= 675 \div 30 \\ &= 22(\text{盒}) \dots 15(\text{元}) \end{aligned}$$

∴ 李先生可以買曲奇餅 22 盒，還餘下 15 元。

∴ Mr Lee can buy 22 boxes of cookies. He still left 15 dollars.

37.

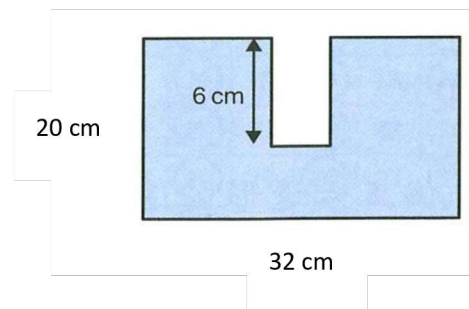
找出右圖的周界。

Find the perimeter of the right diagram.

周界是：

The perimeter is:

$$\begin{aligned} &(20 + 32) \times 2 + (6 \times 2) \\ &= 104 + 12 \\ &= 116 \text{ cm} \end{aligned}$$



38. 求右邊三角形的周界。
Find the perimeter of the triangle on the right.

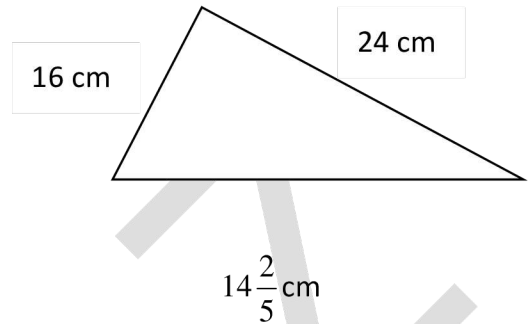
周界是：

The perimeter is:

$$16 + 24 + 14\frac{2}{5}$$

$$= 40 + 14\frac{2}{5}$$

$$= 54\frac{2}{5} \text{ cm}$$



39. 小明於旅行中先乘小巴走了 $20\frac{3}{10}$ 公里，再乘地鐵車經過 $22\frac{7}{10}$ 公里，最後計程車渡過了 $5\frac{1}{10}$ 公里。小明於旅行中的旅途共長多少公里？

In a trip, Simon took a minibus for $20\frac{3}{10}$ km and he took the MTR later for $22\frac{7}{10}$ km and finally he took a taxi for $5\frac{1}{10}$ km. What is the total distance Simon travelled in his trip in kilometers?

小明於旅行中的旅途共長：

The distance Simon covered in his trip is:

$$20\frac{3}{10} + 22\frac{7}{10} + 5\frac{1}{10}$$

$$=48\frac{1}{10}(\text{公里km})$$

40. 方小姐駕車 $5\frac{13}{20}$ 公里後到游泳池游泳，其後她駕車 $2\frac{15}{20}$ 公里到圖書館借書，最後她駕車 $3\frac{3}{20}$ 公里回家。方小姐駕車一共走了多少公里？

Miss Fong drove $5\frac{13}{20}$ km before going to swim and then she drove $2\frac{15}{20}$ km to a library for borrowing books. Finally she drove $3\frac{3}{20}$ km and return home. How many km did Miss Fong drive throughout the whole journey?

方小姐駕車一共走了：

Miss Fong drove through:

$$5\frac{13}{20} + 2\frac{15}{20} + 3\frac{3}{20}$$

$$=11\frac{11}{20}(\text{公里 km})$$

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