WMI世界數學邀請賽 樣題



## W M I O R G A N I Z I N G C O M M I T T E E







MI世界數學邀請賽

## Grade 攴



The table shows the number of *Pokemon* 3/9 that *John* catches at three areas. Find the ratio of the number of *Pokemon* to the number of *Pokemon* that he catches.

下面是John在三個地區抓到的Pokemon 3/2統計表,則他抓到的 全部Pokemon 3與Pokemon 化是多少?

Area/地區/地区	School/學校/学校		Park/公	園/公园	Street/街道/街道		
J 2	ð	<b>P</b>	Ŋ	9	ð	P	
	15	14	8	10	22	26	

(A) 9 : 10 (B) 7 : 8 (C) 10 : 9 (D) 8 : 9

Use numbers and arithmetic symbols to make the result of the equation 24.  $\bigcirc$  Each of the four numbers has to be used once.

 $\bigcirc$ Only symbols like "+, -, ×, ÷, and ()" can be used in the equation. Each of them can be used more than once. It is not necessary to use all of them.

 $\bigcirc$  Digits cannot be combined together. For example, two 2's cannot be written as 22 or 2<sup>2</sup>.

According to the rules, which four numbers cannot make the result of the equation 24?

利用數字與運算符號,列出算式結果等於24。 ②四個數字都須使用一次。 ③只能使用「+、一、×、÷及()」,可重複使用,但不必全使用。 ③數字不能結合使用,如:兩個2不能當作22或2<sup>2</sup>。 依照規則,下面哪4個數字不能列出算式結果等於24?

Ex: 2246 Answer:  $4 \times 6 + 2 - 2 = 24$  or  $(4-2) \times 2 \times 6 = 24$ 











## Answer

Grade K		Grade 1		Grade 2		Grade 3		Grade 4	
第一試	第二試								
3	1	С	С	А	Α	С	С	Α	В

解答

Grade 5		Grade 6		Grade 7		Grade 8		Grade 9	
第一試	第二試								
А	С	В	С	В	D	D	D	С	В

Grade 10		Grad	e 11	Grade 12		
第一試	第二試	第一試	第二試	第一試	第二試	
Α	С	Α	В	С	В	

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