



金外实验二0二二学年第二学期七年级数学学科
期中答题卷

姓名：_____ 班级：_____

考场/座位号：_____

注意事项

1. 答题前请将姓名、班级、考场、准考证号填写清楚。
2. 客观题答题，必须使用2B铅笔填涂，修改时用橡皮擦干净。
3. 主观题答题，必须使用黑色签字笔书写。
4. 必须在题号对应的答题区域内作答，超出答题区域书写无效。
5. 保持答卷清洁、完整。

正确填涂

缺考标记



准考证号							
[0]	[0]	[0]	[0]	[0]	[0]	[0]	[0]
[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
[2]	[2]	[2]	[2]	[2]	[2]	[2]	[2]
[3]	[3]	[3]	[3]	[3]	[3]	[3]	[3]
[4]	[4]	[4]	[4]	[4]	[4]	[4]	[4]
[5]	[5]	[5]	[5]	[5]	[5]	[5]	[5]
[6]	[6]	[6]	[6]	[6]	[6]	[6]	[6]
[7]	[7]	[7]	[7]	[7]	[7]	[7]	[7]
[8]	[8]	[8]	[8]	[8]	[8]	[8]	[8]
[9]	[9]	[9]	[9]	[9]	[9]	[9]	[9]

单选题

- | | |
|-------------------|--------------------|
| 1 [A] [B] [C] [D] | 6 [A] [B] [C] [D] |
| 2 [A] [B] [C] [D] | 7 [A] [B] [C] [D] |
| 3 [A] [B] [C] [D] | 8 [A] [B] [C] [D] |
| 4 [A] [B] [C] [D] | 9 [A] [B] [C] [D] |
| 5 [A] [B] [C] [D] | 10 [A] [B] [C] [D] |

填空题

11. _____ 12. _____ 13. _____
14. _____ 15. _____ 16. _____

解答题

17. (本题8分) (1) $(-1)^{2024} - (2023 - \pi)^0$ (2) $4a^3 \cdot a^3 - (a^2)^3$

18. (本题6分) 解方程组: $\begin{cases} 2x + y = 4 \\ 8x + 3y = 14 \end{cases}$

19. (本题6分) 先化简，再求值: $(a^2b - 2ab^2 - b^2) \div b - (a - b)^2$ ，其中 $a=2$ ， $b=1$.

20. (本题6分) 证明: $\because CD \perp AB$ ， $EF \perp AB$ (已知)

$$\therefore \angle BFE = \angle BDC = 90^\circ \text{ (垂直的定义)}$$

$$\therefore EF \parallel CD \text{ ()}$$

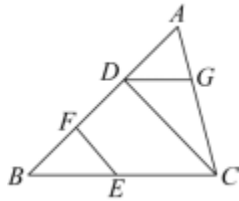
$$\therefore \angle BEF = \text{_____} \text{ (两直线平行，同位角相等)}$$

$$\text{又} \because \angle B + \angle BDG = 180^\circ \text{ (已知)}$$

$$\therefore BC \parallel \text{_____} \text{ ()}$$

$$\therefore \angle CDG = \text{_____} \text{ ()}$$

$$\therefore \angle CDG = \angle BEF \text{ (等量代换)}$$



21. (本题8分)

- (1) $\triangle ABC$ 的面积为_____;

- (2)

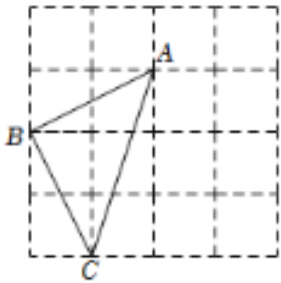


图1

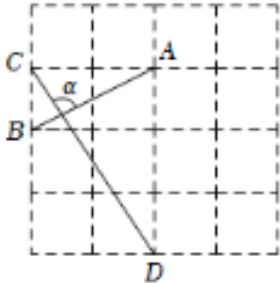


图2

22. (本题10分) (1) 按打折价购买乒乓球拍、羽毛球拍是第_____次购买.

(2)

(3)

23. (本题10分)

(1) _____

(2)

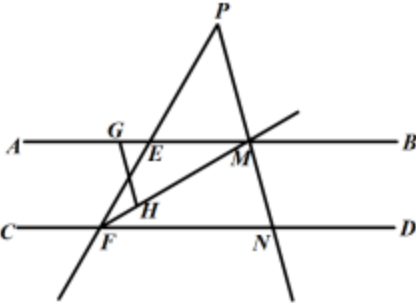
(3)



24. (本题12分)

(1) $\alpha =$ _____ $^\circ$, $\beta =$ _____ $^\circ$; 位置关系是_____;

(2)



(3)

