臺北市立瑠公國民中學108學年度第一學期八年級數學科第二次定期評量答案卷

**※圖形僅供參考，答案以黑色原子筆寫在答案卷**

 八年\_\_\_\_ 班 座號:\_\_\_\_\_ 姓名:\_\_\_\_\_\_\_\_\_\_\_\_\_

一、單選題：30分(每題3分)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1. |  | 2. |  | 3. |  | 4. |  | 5. |  | 6. |  | 7. |  | 8. |  | 9. |  | 10. |  |

二、填充題：60分(每格3分) **【答案需以最簡根式表示，否則不予計分】**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| (1) | (2) | (3) | (4) | (5) |
|  |  |  |  |  |
| (6) | (7) | (8) | (9) | (10) |
|  |  |  |  |  |
| (11) | (12) | (13) | (14) | (15) |
|  |  |  |  |  |
| (16) | (17) | (18) | (19) | (20) |
|  |  |  |  |  |

三、計算題：10分**【需寫計算或推論過程，答案以最簡根式表示，否則不予計分】**

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| 1.因式分解$ xy^{2}-2xy+x-y^{2}+2y-1$(3分)答: | G2.(1)$\overline{BF}的長是多少$？ (2分)答:(2)這三項挑戰經過的距離（即$\overline{BF}、\overline{BD}、\overline{DF}$）**總共**多少？ (2分)答:G |
| 3. 求 $\overbar{AN}$ : $\overbar{AM}$ : $\overbar{MN}$ 為何？ (3分)答: |