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解答卷

**※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. | C | 2. | B | 3. | A | 4. | A | 5. | A | 6. | D | 7. | B | 8. | D | 9. | C | 10. | D |

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) |
| 17 |  |  |  |  |
| (6) | (7) | (8) | (9) | (10) |
|  |  |  |  |  |
| (11) | (12) | (13) | (14) | (15) |
|  |  |  |  | 13 |
| (16) | (17) | (18) | (19) | (20) |
| 12 | 10 | 4.8 (或) | 5 | 2.45 |

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】**

|  |  |
| --- | --- |
| 1. 因式分解 (3分)  答:  = (分組對了1分)  = (再得1分)  = (再得1分)  Ans: | G 2.(1)(2分)  答:  (1分)  (再得1分)  Ans: 13  2.(2)這三項挑戰經過的距離（即） **總共**多少？ (2分)  答:    (算出 1分)  (再得1分)  G |
| 3. 求 : : 為何？(3分)  答:  設，則  在中  (1分)  (再得1分)  : : = 3 : 4 : 5 (再得1分) |