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| **01　數學科　幾何第七章 圓形 第二部分(7-3、7-4) 　　檢測卷A卷(答案卷)** |
| **課輔班級：\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 姓名：\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_分數：\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**1. **圓的基本性質 (每個答案1分，共14分)**

|  |  |
| --- | --- |
| **1.** | (1) E (2) D (3) C (4) F (5) M (6) J (7) A (8) L (9) H (10) N (11) G (12) I(13) K (14)B |

1. **直線與圓的關係 (每個答案4分，共20分)**

|  |  |
| --- | --- |
| **1.** | (1) L3 (2) L2 (3) L1 |
| **2.** | (1) (2)  |

**三、連心線與兩圓之位置關係以及公切線數 (每格2分，共30分)**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1.** |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | *a*＞r1＋r2 | *a*＝r1＋r2 | r1－r2＜*a*＜r1＋r2 | *a*＝r1－r2 | *a*＜r1－r2 |
| 兩圓位置關係 | 外離 | 外切 | 交於2點 | 內切 | 內離 |
| 外公切線數 | 2 | 2 | 2 | 1 | 0 |
| 內公切線數 | 2 | 1 | 0 | 0 | 0 |

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**四、定理的結論 (每個答案4分，共36分)**

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| **1.** | (1) ⊥ **(2)** ∠DBC＝ | **2.** | (1) ＝ (2) 平分∠CAB |
| **3.** | ∠E＝( － ) | **4.** | ＝ |
| **5.** | (1) 180 (2) 180 | **6.** | ＋＝＋ |

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