|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 输入条件 | 输入三个整数 | | 有效等价类 | | 号码 | 无效等价类 | | 号码 |
| 整数 | | 1 | A为非整数 | |  |
| B为非整数 | |  |
| C为非整数 | |  |
| A, B为非整数 | |  |
| A, C为非整数 | |  |
| B, C为非整数 | |  |
| A, B, C为非整数 | |  |
| 三个数 | | 2 | 只给A | |  |
| 只给B | |  |
| 只给C | |  |
| 只给A, B | |  |
| 只给A, C | |  |
| 只给B, C | |  |
| 给出三个以上 | |  |
| 非零数 | | 3 | A为0 | |  |
| B为0 | |  |
| C为0 | |  |
| A, B为0 | |  |
| A, C为0 | |  |
| B, C为0 | |  |
| 三遍均为0 | |  |
| 正数 | | 4 | A < 0 | |  |
| B < 0 | |  |
| C < 0 | |  |
| A < 0 且 B < 0 | |  |
| A < 0 且 C < 0 | |  |
| B < 0 且 C < 0 | |  |
| A < 0 且 B < 0 且 C < 0 | |  |
| 输出条件 | 构成一般三角形 | | A + B > C | | 5 | A + B < C | |  |
| A + B = C | |  |
| B + C > A | | 6 | B + C < A | |  |
| B + C = A | |  |
| A + C > B | | 7 | A + C < B | |  |
| A + C = B | |  |
| 构成等腰三角形 | | A = B | | 8 |  | |  |
| B = C | | 9 |
| A = C | | 10 |
| 构成等边三角形 | | A = B = C | | 11 |  | |  |
| 构成直角三角形 | | A2 + B2 = C2 | | 12 |  | |  |
| A2 + C2 = B2 | | 13 |  | |  |
| B2 + C2 = A2 | | 14 |  | |  |
| A | | B | | C | | | 覆盖等价类号码 | |
| 6 | | 8 | | 10 | | | （1）--（7） | |
| 6 | | 6 | | 10 | | | （1）--（7），（8） | |
| 6 | | 8 | | 8 | | | （1）--（7），（9） | |
| 6 | | 4 | | 6 | | | （1）--（7），（10） | |
| 6 | | 6 | | 6 | | | （1）--（7），（11） | |
| 6 | | 8 | | 10 | | | （1）--（7），（12） | |
| 6 | | 10 | | 8 | | | （1）--（7），（13） | |
| 10 | | 6 | | 8 | | | （1）--（7），（14） | |

|  |  |  |  |
| --- | --- | --- | --- |
| A | B | C | 覆盖等价类号码 |
| 5.5 | 8 | 10 | 15 |
| 6 | 8.5 | 10 | 16 |
| 6 | 8 | 10.5 | 17 |
| 6.5 | 8.5 | 10 | 18 |
| 6.5 | 8 | 10.5 | 19 |
| 6 | 8.5 | 10.5 | 20 |
| 6.5 | 8.5 | 10.5 | 21 |
| 6 |  |  | 22 |
|  | 8 |  | 23 |
|  |  | 10 | 24 |
| 6 | 8 |  | 25 |
| 6 |  | 10 | 26 |
|  | 8 | 10 | 27 |
| 5 | 6 | 7 | 28 |
| 0 | 8 | 10 | 29 |
| 6 | 0 | 10 | 30 |
| 6 | 8 | 0 | 31 |
| 0 | 0 | 10 | 32 |
| 0 | 8 | 0 | 33 |
| 6 | 0 | 0 | 34 |
| 0 | 0 | 0 | 35 |
| -6 | 8 | 10 | 36 |
| 6 | -8 | 10 | 37 |
| 6 | 8 | -10 | 38 |
| -6 | -8 | 10 | 39 |
| -6 | 8 | -10 | 40 |
| 6 | -8 | -10 | 41 |
| -6 | -8 | -10 | 42 |
| 6 | 1 | 10 | 43 |
| 6 | 4 | 10 | 44 |
| 6 | 1 | 3 | 45 |
| 6 | 1 | 5 | 46 |
| 6 | 8 | 1 | 47 |
| 6 | 8 | 2 | 48 |