平成24年度　第2学年3学期数学　学年末テスト　解答用紙

（　　　）番　　氏名（　　　　　　　　　　　　）

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| 知識・理解 | 技　能 | 数学的な考え方 | 合　計 |
|  |  |  | ／１００ |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| １ | 1. ス | 1. キ | | | | 1. シ | | | | | 1. コ | | | | | 1. カ | | | 1. サ | | | | | | 1. ケ | | 1. エ | | | | 1. チ | | | 1. テ |
| ２ | (1)  －３ｘ＋６ｙ | | | | | | (2)  ７ｘ２－ｘ | | | | | | | | (3)  －２ｘ＋１１ｙ | | | | | | | | (4)  　１ | | | | | | | ３ | | １３ | | | |
| ４ | 左上の数をａとすると、4つの数の和は  ａ＋（ａ＋１）＋（ａ＋７）＋（ａ＋８）＝４ａ＋１６  　　　　　　　　　　　　　　　　　　　＝４（ａ＋４）  ａは自然数なのでａ＋４も自然数、よって４×自然数となるので、これら４つの数の和は４の倍数。 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ５ | (1)　　ｘ＝３  　　　ｙ＝－３ | | | | | | | | | (2)　　ｘ＝５  　　　ｙ＝－２ | | | | | | | | | |
| ６ | (1)ア　　　　イ　　　　ウ　　　　エ  　　(　12　)　(　　)　(　　)　 (　　) | | | | | | | | | | | | | | | | (2) ｘ＋ｙ＝１２  　　＋＝ | | | | | | | | | | | (3)  　　８ｋｍ | | | | | | | |
| ７ | (1)　ｙ＝８ｘ  （０≦ｘ≦４） | | | | | | | | | | | | 2年学6-2(4) | | | | | | | | | | | | | | | | | | | | | | |
| (2)　ｙ＝３２  　（４≦ｘ≦８） | | | | | | | | | | | |
| (3)　ｙ＝－８ｘ＋９６  　（８≦ｘ≦１２） | | | | | | | | | | | |
| ８ | (1)  125° | | | (2)  20° | | | | | | | | (3)  108° | | | | |
| ９ | ア  長方形 | | イ  錯角 | | | | | | ウ  2角が等しい | | | | | | | | | エ  斜辺と一つの鋭角 | | | | | | | | | | | | オ  対応する辺 | | | | | |
| 10 | 2年2期9-1  　　　　　　　　　　　　　　　　　　　Ｅ | | | | | | | | | | | | | | | | | | | |
| 11 | 8通り | | | | 12 | | | (1) | | | | | | | | (2) | | | | | | | | (3) | | | | |
| 13 | (1) | | | | (2) | | | | | | | | | (3) | | | | | | | | 14 | | | |  | | | | | | |