平成23年度　第2学年2学期数学中間テスト　解答用紙

（　　　）番　　氏名（　　　　　　　　　　　　）

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| 知識・理解 | 表現・処理 | 数学的な考え方 | 合　計 |
|  |  |  | ／１００ |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| １　　　　 | (1)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *x* | … | －3 | －2 | －1 | 0 | 1 | 2 | 3 | … |
| ***y*** |  | **9** | **7** | **5** | **3** | **1** | **－1** | **-3** |  |

 | (2) －８ | (3)　ｙ＝－２ｘ＋３ |
| ２ | ①　３ | ②　３ | ③　－２ |
| ３各２点 | (1)　ウ | (2)　ウ、エ | (3)　ア |
| ４ | (1)　∠ｅ、∠ｘ | (2)　∠ｗ | (3)　ℓ∥ｍ |
| (4)　ℓ∥ｎ | (5)　∠ｆ、∠ｈ∠ｄ | (6)　∠ｘ、∠ｃ　　∠ａ |
| ５ | (1)　∠x＝　70°　　　　　∠y＝　100° | (2)　∠x＝　60° |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ６各３点 | (1) | ①　ｙ＝150－x | ②　ｙ＝２５０－ｘ | ③　ｙ＝１４０－ｘ | ④ｙ＝８０ｘ＋１００ |
| ⑤　ｙ＝６ｘ＋３ | ⑥　ｙ＝２ｘ | (2) | ①、②、③、④、⑤、⑥ |



(2)

(3)

(1)

|  |  |
| --- | --- |
| ８ | (1)ｙ＝３ｘ＋７ |
| (2)ｙ＝$\frac{２}{３}$ｘ－１ |
| ９ | (1)　ｙ＝ｘ－１ |
| (2)　ｙ＝－２ｘ＋３ |
| (3)　(　$\frac{４}{３}$　，$\frac{１}{３}$　) | (4)　$\frac{８}{３}$ |

７

各３点

各３点

(4)

各３点



　　　　　　　　　　　　　　　　　　　(2)

|  |  |
| --- | --- |
| 10 | (1)兄の速さグラフ（3点）式(4点)y=240x－2880(12≦x≦61/3)分速８０ｍ　　　　　（3点） |
| (3)追い越すことができる家から1440ｍの地点　　　　　　　　　　　(3点) |