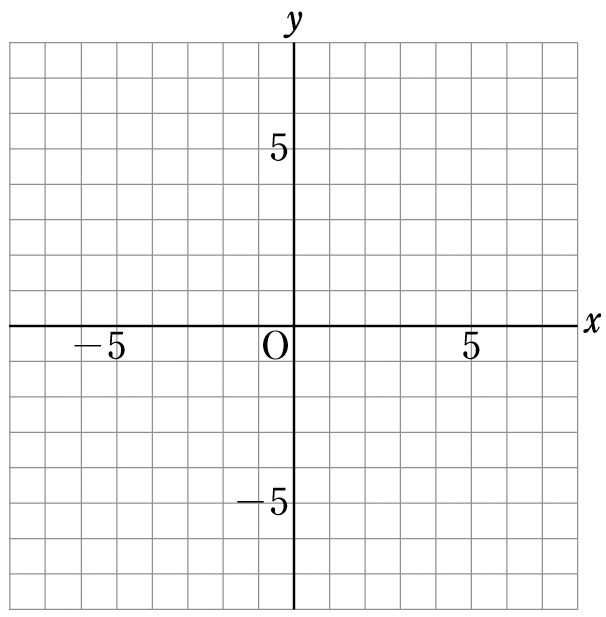
平成23年度　第2学年2学期数学中間テスト　解答用紙

（　　　）番　　氏名（　　　　　　　　　　　　）

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

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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＝ｘ－１ |
| ９ | (1)　ｙ＝ｘ－１ |
| (2)　ｙ＝－２ｘ＋３ |
| (3)　(　　，　) | (4) |

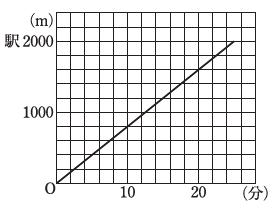
７

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) |