数学科　　３年　第１学期期末テスト　解答用紙　　Ｈ２５．６．２６

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 番号 |  | 氏名 | 解　　答 | 知理 | 技能 | 考え | 得点 |  |
|  １知識・理解 | １ | ①　オ | ②　カ | ③　ク | ４技能 | １ |  １２$\sqrt{３}$ |
| ④　キ | ⑤　ア | ⑥　ウ | ２ |  －$\frac{２\sqrt{６}}{３}$ |
| ２ | (1) | 5ｘ2－15ｘｙ | ３ | $$３\sqrt{５}$$ |
| (2) | ｘｙ－３ｘ＋２ｙ－６ | ４ | $\sqrt{３}$＋$\sqrt{６}$ |
| ３ | (1) | ４ａ(２ａ＋３ｂ)  | ５ | $$\frac{３３\sqrt{１０}}{１０}$$ |
| (2) | (ｘ－９)(ｘ＋５) | ６ | $４\sqrt{６}$－６ |
| ４ | 22×32×５ | ７ | －９＋$\sqrt{３}$ |
| ５ | (1) | ±８ | ８ | ４４－$７\sqrt{２}$ |
| (2) | ±$\frac{７}{５}$　 |  |
| (3) | ±０．４ |
| ６ | －６ | ５技能 | １ | －９ |
| ７ | $\sqrt{１５}$＜３$\sqrt{２}$ | ２ | $４\sqrt{６}$－６ |
| ８ | π、$\sqrt{５０}$、３＋$\sqrt{３}$ | ３ | ｎ＝１，５，６ |
| ９ | (1) | $$\sqrt{２１}$$ |  |
| (2) | －２$\sqrt{６}$ | ６数学的な考え方 | １ | １９，－１９，－１１，１１，９，－９ |
| 10 | ４$\sqrt{５}$ | ２ | ４ａｂπ |
| 11 | $$\frac{\sqrt{３}}{３}$$ | ３ | (1) | 62－5×7＝１ |
| ２技能 | １ | ４ｘ－１ | (2) | １ |
| ２ | ６ｘ2＋１１ｘ－１０ | (3) | 3つの数をｎ，ｎ＋１，ｎ＋２とすると、（ｎ＋１）２－ｎ（ｎ＋２）＝１ |
| ３ | ｘ2＋２ｘ－６３ |
| ４ | ｘ2＋２０ｘ＋１００ |
| ５ | 16ｘ2－25ｙ2 |
| ６ | 4ｘ2－28ｘｙ＋49ｙ2 |
| ７ | 2ｘ2＋3ｘ＋9 |
| ８ | ５ｘ | ４ | ９，１６，２５ |
| ３技能 | １ | ｘ（ｘ＋８） | ５ | (1) | ２ |
| ２ | (ｘ－９)(ｘ＋８) | ((2) | ２ｎ |
| ３ | （２ｘ＋３ｙ）2 | （求め方）

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ｎ | １ | ２ | ３ | ４ | ５ |  |
| ａ | ２ | ４ | ６ | ８ | １０ |  |

 |
| ４ | (ａ－２ｂ)(ａ＋２ｂ) |
| ５ | ａ(ｘ－８)(ｘ－２) |
| ６ | (ａ＋ｂ)(ｘ－ｙ) |