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| 数学３年第２学期期末テスト　解答用紙 | | | | | | | | | | | | | 番 | | | 氏  名 | | | |  | | | | |
| 知識・理解 | | | | 技能 | | | | | | | 数学的な考え方 | | | | | | | | | | | 得点 | | |
|  | | | |  | | | | | | |  | | | | | | | | | | | ／１００ | | |
| １ | ① | ② | | | | | ③ | | | | | ④ | | | | | | | ⑤ | | | | | ⑥ |
| ⑦ | ⑧ | | | | | ⑨ | | | | | ⑩ | | | | | | | ⑪ | | | | | ⑫ |
| (6)相似な三角形 | | | | 相似条件 | | | | | | | | | | | | | (8)ＤＣ:( )cm  　ＤＧ:( )cm | | | | | | |
| ２ |  | | | | | | | |
| ３ | (1)  ∠ｘ＝ | | (2)  ∠ｘ＝ | | | | | (3)  ∠ｘ＝ | | | | | | (4)  ∠ｘ＝　　　　　、∠ｙ＝ | | | | | | | | | | |
| (5)  ∠ｘ＝　　　　　、∠ｙ＝ | | | | | | | (6)  ∠ｘ＝　　　　　、∠ｙ＝ | | | | | | | | | | | | | | |
| ４ | (1) | | | (2) | | | | | | (3) | | | | | | | | | | | (4) | | | |
| ５ | (1) | | | | | (2) | | | | | | | | | | | | | (3) | | | | | |
| ６ |  | | | | | | | | | | | | | | ７ | | **Ａ**  **Ｂ**  機器準備スペース  客　席  展示スペース  **ステージ**  **ステージ** | | | | | | | |
| ８ | 作図で書いた線は、消さずに残しておくこと。  Ｂ  Ａ    Ｃ  Ｏ | | | | | | | | | | | | | | | | | | | | | | | |

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| 知識・理解 | | | | 技能 | | | | | | | 数学的な考え方 | | | | | | | | | | | 得点 | | |
| ／３２ | | | | ／４８ | | | | | | | ／２０ | | | | | | | | | | | ／１００ | | |
| １  各２点 | ①　ケ | ②　キ | | | | | ③　エ | | | | | ④　カ | | | | | | | ⑤　ウ | | | | | ⑥　ア |
| ⑦　シ | ⑧　タ | | | | | ⑨　ソ | | | | | ⑩　ツ | | | | | | | ⑪　ト | | | | | ⑫　ニ |
| (6)相似な三角形  △ＡＰＱ∽△ＢＰ‘Ｑ | | | | 相似条件  ２組の角がそれぞれ等しい。 | | | | | | | | | | | | | (8)ＤＣ:( １０ )cm  　ＤＧ:( ２．５ )cm | | | | | | |
| ２ | イ　ウ　オ　カ  ２点 | | | | | | | |
| ３  各３点 | (1)  ∠ｘ＝３５° | | (2)  ∠ｘ＝４０° | | | | | (3)  ∠ｘ＝５５° | | | | | | (4)  ∠ｘ＝３５°　　、∠ｙ＝３５° | | | | | | | | | | |
| (5)  ∠ｘ＝２５°　　、∠ｙ＝４０° | | | | | | | (6)  ∠ｘ＝２５°　　、∠ｙ＝５５° | | | | | | | | | | | | | | |
| ４ | (1)　５ｃｍ | | | (2)　８ｃｍ | | | | | | (3)　１５ｃｍ | | | | | | | | | | | (4)　 　ｃｍ | | | |
| ５ | (1)　１：４  各３点 | | | | | (2)　 １００ｃｍ２ | | | | | | | | | | | | | (3) ２００ｃｍ２ | | | | | |
| ６  ７点 | △ＡＢＤと△ＡＨＣにおいて  各３点  弧ＡＢの円周角なので∠ＡＤＢ＝∠ＡＣＨ・・・①  仮定より　∠ＡＨＣ＝９０°・・・②  ＡＤの弧に対する円周角なので∠ＡＢＤ＝９０°・・・③  ②、③より  ∠ＡＢＤ＝∠ＡＨＣ・・・④  ①、④より、２角がそれぞれ等しいので、  △ＡＢＤ∽△ＡＨＣ | | | | | | | | | | | | | | ７ | | **Ａ**  **Ｂ**  機器準備スペース  客　席  展示スペース  **ステージ**  **ステージ**  ５点 | | | | | | | |
| ８ | C:\Users\teacher\Desktop\IMG_4672.JPG  Ｂ  Ａ  作図で書いた線は、消さずに残しておくこと。    Ｃ  ８点  作図の状況により部分点  Ｏ | | | | | | | | | | | | | | | | | | | | | | | |