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| 数学２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 | | | |
| ／３８ | | | | | | ／５０ | | | | | ／１２ | | | | | | | | | | ／１００ | | | |
| １ | (1) | 仮定 | | | | | | | | | | | | 結論 | | | | | | | | | | |
| (2) | 仮定 | | | | | | | | | | | | 結論 | | | | | | | | | | |
| (3) | 仮定 | | | | | | | | | | | | 結論 | | | | | | | | | | |
| (4) | 逆 | | | | | | | | | | | | | | | | | | | | | | |
| (5) | 逆 | | | | | | | | | | | | | | | | | | | | | | |
| ２ | ① | | | ② | | | | | ③ | | | | | | | ④ | | | | | | | ⑤ | |
| ⑥ | | | | ⑦ | | | ⑧ | | | | | | | | | ⑨ | | | | | ⑩ | | |
| ⑪ | | ⑫ | | | | | | | | ⑬ | | | | | | | | | | | | | ⑭ |
| ３ | ① | | | ② | | | | ③ | | | | ④ | | | | | | | ⑤ | | | | ⑥ | |
| ⑦ | | | ⑧ | | | | ⑨ | | | | ⑩ | | | | | | | ⑪ | | | |
| ４ | (1)  ∠ｘ＝ | | | | | (2)  ∠ｘ＝ | | | | | (3)  ∠ｘ＝ | | | | | | | | | | (4)  ∠ｘ＝ | | | |
| ５ | (1)  ∠ｙ＝ | | | | | (2)  ∠ｘ＝ | | | | | (3)  ∠ｘ＝ | | | | | | | | | |
| ６ | ア | | | | | | イ | | | | | | | | | | | | ウ | | | | | |
| エ | | | | | | | | | | | | オ | | | | | | | | | | | |
| カ | | | | | | キ | | | | | | | | | | | |
| ７ |  | | | | | | | | | ８ | | | (1) | | | | | | | | | | | |
| (2)  　∠ＰＱＲ＝ | | | | | | | | | | | |

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| ／３８ | | | | | ／５０ | | | | | ／１２ | | | | | | | | | | ／１００ | | | |
| １  各２点 | (1) | 仮定　一生懸命練習する。 | | | | | | | | | | | 結論　郡市新人で優勝できる。 | | | | | | | | | | |
| (2) | 仮定　きびじアリーナを一瞬見る。 | | | | | | | | | | | 結論　ひじきアリーナに見える。 | | | | | | | | | | |
| (3) | 仮定　普段からＭ先生の物まねをする。 | | | | | | | | | | | 結論　文化祭が盛り上がる。 | | | | | | | | | | |
| (4) | 逆　△ＡＢＣで、∠Ｂ＋∠Ｃ＝80°ならば、∠Ａ＝100°である。　　　正しい。 | | | | | | | | | | | | | | | | | | | | | |
| (5) | 逆　整数ａ，ｂで、ａ＋ｂが偶数ならば、ａもｂも偶数である。　　　　正しくない  反例：ａ＝３、ｂ＝１のとき | | | | | | | | | | | | | | | | | | | | | |
| ２ | ①同位角 | | | ②錯角 | | | | ③対頂角 | | | | | | | ④∠ｄ、∠ｈ、∠ｆ | | | | | | | ⑤鈍角 | |
| ⑥　３６０° | | | ⑦１４４０° | | | ⑧３６° | | | | | | | | | ⑨１５６° | | | | | ⑩　九 | | |
| ⑪　六  各２点 | | ⑫△ＡＢＣ≡△ＤＥＦ | | | | | | | ⑬一辺とその両端の角がそれぞれ等しい。 | | | | | | | | | | | | | ⑭斜辺 |
| ３  各２点 | ①イ | | | ②ウ | | | ③エ | | | | ④コ | | | | | | | ⑤キ | | | | ⑥シ | |
| ⑦ケ | | | ⑧セ | | | ⑨チ | | | | ⑩ツ | | | | | | | ⑪タ | | | |
| ４ | (1)  ∠ｘ＝９５° | | | | (2)  ∠ｘ＝１２５° | | | | | (3)  ∠ｘ＝２０° | | | | | | | | | | (4)  ∠ｘ＝６５° | | | |
| ５ | (1)  ∠ｙ＝６１° | | | | (2)  ∠ｘ＝１０８° | | | | | (3)  ∠ｘ＝３５° | | | | | | | | | |
| ６ | ア　ＡＢ＝ＡＣ | | | | | イ　ＢＤ＝ＣＤ | | | | | | | | | | | | ウ　ＡＤ | | | | | |
| エ　３組の辺がそれぞれ等しいので  各１点 | | | | | | | | | | | オ　△ＡＢＣ≡△ＡＣＤ | | | | | | | | | | | |
| カ　対応する角 | | | | | キ　∠Ｂ＝∠Ｃ | | | | | | | | | | | |
| ７ | △ＡＤＣと△ＢＥＡにおいて  仮定より　ＡＢ＝ＡＣ・・・①  　　　　　ＡＤ＝ＢＥ・・・②  ４点  ∠ＤＡＣ＝∠ＥＢＡ＝６０°・・・③  ①、②、③より  ２組の辺とその間の角がそれぞれ等しいので、△ＡＤＣ≡△ＢＥＡ  合同な図形の対応する辺は等しいので  ＡＥ＝ＣＤ | | | | | | | | ８ | | | (1)　△ＰＢＣと△ＱＲＣにおいて  仮定より、長方形ＡＢＣＤなので  ∠Ｂ＝∠Ｒ＝９０°・・・①  ＢＣ＝ＣＲ・・・②  ∠ＢＣＰ＝∠ＲＣＱ＝９０°―∠ＰＣＱ・・・③  ①、②、③より  一辺とその両端の角がそれぞれ等しいので  ５点  △ＰＢＣ≡△ＱＲＣ | | | | | | | | | | | |
| (2)  ３点  　∠ＰＱＲ＝　１１５° | | | | | | | | | | | |

各３点