１学年２学期　中間考査　数学　予測問題　答え

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| 1 | (1) | 820 | (2) | 10.226 | (3) |  | (4) | 4.8 |
| (5) | 6 | (6) | 20時間 | (7) | 5²×19 | (8) | 16 |
| (9) | -58 | (10) | 1570cm³ |

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| 2 | (1) | 0.75𝑥 km　𝑥(km) | (2) | 500-15𝑎=𝑏(ページ) |
| (3) | 100𝑥+10𝑦+𝑧 |

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| 3 | (1) | -7𝑥 | (2) | 5𝑎-10 | (3) | 𝑎𝑏𝑥𝑦² | (4) | 30𝑏+18 |
| (5) | 𝑎-6 | (6) | 33𝑎+70 | (7) | 𝑎-2 | (8) |  |

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| 4 | (1) | 項…2𝑥, 9𝑦　 𝑥の係数…2　 𝑦の係数…９ |
| (2) | 項…-3𝑥,-𝑦　 𝑥の係数…-3　 𝑦の係数…-1 |
| (3) | 項…𝑚,𝑛,-5　 𝑚の係数…1　 𝑛の係数… |
| (4) | 項…2𝑥,𝑦,−2𝑧,3　 𝑥の係数…2　 𝑦の係数…1　 𝑧の係数…-2 |

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| 5 | (1) | 0 | (2) | 50 |
| (3) | 8 | (4) | -16 |
| (5) | - | (6) | 𝑥-29 |

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| 6 | (1) | -6𝑥 | (2) | -9𝑎-12 | (3) | -3𝑎-5 |
| (4) | -16𝑎+9 | (5) | 5𝑥-15 | (6) | 24𝑦-23 |

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| 7 | (1) | 3𝑥=4𝑦-5 | | | | | | | (2) | 𝑥-3𝑦<20 | | | |
| (3) | 50𝑎+80𝑏≧1000 | | | | | | |
| 8 | (1) | 𝑥の値 | | 左辺の値 | | | | 等号・不等号 | | | | 右辺の値 |
| -2 | | -8 | | | | < | | | | -2 |
| -1 | | -5 | | | | < | | | | -1 |
| 0 | | -2 | | | | < | | | | 0 |
| 1 | | 1 | | | | = | | | | 1 |
| 2 | | 4 | | | | > | | | | 2 |
| (2) | 記号 | ㋑ | | 解 | ㋐ | 𝑥=3 | | | | ㋑ | 𝑥= |
| ㋒ | 𝑥= | | | | ㋓ | 𝑥=- |

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| 9 | (1) | ① | 9𝑥-13 | | | ② | 16𝑥-18 |
| (2) | (例)左端の正方形の紙の面積は4cm²で,１枚重ねるごとに面積が4-1=3(cm²)ずつ増えて,(𝑛-1)枚重ねるから,𝑛枚重ねてできる図形の面積は,4+3×(𝑛-1)(cm²) | | | | | |
| (3) | 説明 | | (例)1000円で買えるということは,代金が1000以下ということだから,𝑎𝑏≦1000とあらわすのが正しい。 | | | |
| 正しい答え | | | 𝑎𝑏≦1000 | | |
| (4) | エ | | | | | |

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| 10 | (1) | 𝑥=6 | (2) | 𝑥=14 | (3) | 𝑥=24 | (4) | 𝑥=-2 |
| (5) | 𝑥=4 | (6) | 𝑥=-2 | (7) | 𝑥=-2 | (8) | 𝑥=-4 |
| (9) | 𝑥=0 | (10) | 𝑦= |

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| 知・技 | 70 | 思・判・表 | 30 |
| 得点 | 100 | | |