令和６年度　２学年２学期　中間考査　数学　答え

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| 1 | (1) | −9𝑦2 | (2) | ウ | | | (3) | キ，ク |
| 2 | (1) | 𝑥=2，𝑦=4 | | | (2) | 𝑥=−7，𝑦=−10 | | |
| (3) | 𝑥=2，𝑦=6 | | | (4) | 𝑥=1，𝑦=3 | | |
| 3 | (1) | 𝑥=3，𝑦= | | | (2) | 𝑥=6，𝑦=−2 | | |
| (3) | 𝑥=−1，𝑦=−2 | | | (4) | 𝑥=2，𝑦= | | |
| 4 | (1) | 𝑥=4，𝑦=3 | | | (2) | 𝑎=−4，𝑏=−2 | | |
| (3) | 𝑎=，𝑏= | | | (4) | 𝑎=23，𝑏=1 | | |
| (5) | 𝑎=3，𝑏=−5，𝑐=4 | | | | | | |
| 5 | (1) | 𝑥=，𝑦= | | | | | | |
| (2) | 𝑥=−1，𝑦=3，𝑧=−2 | | | | | | |
| (3) | 𝑥=1，𝑦=6，𝑧=−2 | | | | | | |
| 6 | (1) | 54 | | | | | | |
| (2) | 𝑥…21，𝑦…8 | | | | | | |

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| 7 | (1) | A，B間 | 4000m | | B，C間 | | 10000m |
| (2) | 中学生 | 400円 | | 小学生 | | 250円 |
| 8 | (1) | A | 分速220m（220m/min） | | B | | 分速100m（100m/min） |
| (2) | 𝑥=228 | | | | | |
| 9 | (1) | Aの定価 | 19000円 | | Bの定価 | | 16000円 |
| (2) | 男子 | 490人 | | 女子 | | 728人 |
| (3) | 食塩水４％ | 150g | | 食塩水８％ | | 50g |
| (4) | 給水管A | 時間（0.5時間） | | 給水管B | | 時間（2.5時間） |
| 10 | (1) | ケ，サ，シ | | (2) | | 12 | |
| (3) | 5 | |

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| 得点 | 知技 | 60 | 思判表 | 40 | 計 | 100 |

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