

〈解答欄〉

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|---|------|----------------------------|------|--|-----|----------------------------------|
| 1 | (1) | $-\frac{7}{12}$ | (2) | $\frac{5}{6}y^3$ | (3) | $\frac{2a-4}{9}$ |
| | (4) | $x = -3, y = -4$ | (5) | $-2x^2 + 23y^2$ | (6) | $(3x-4y)(3x+4y-2)$ |
| | (7) | $\frac{5\sqrt{3}}{2}$ | (8) | $a = -6, b = 0$ | (9) | $\frac{5}{14}$ |
| | (10) | $\angle x = 51$ 度 | (11) | 12 通り | | |
| 2 | (1) | $a = \frac{2}{9}$ | (2) | $\triangle ABC = 84$ | (3) | $y = 6x - 36$ |
| 3 | (1) | FP = 7 cm | (2) | $\triangle APQ = \frac{56}{3}$ cm ² | (3) | $\frac{448}{15}$ cm ³ |
| 4 | (1) | ア $100c + 10b + a$ イ 0 ウ 9 | (2) | ① $a = 1, d = 9$ ② $M = 1089$ | | |

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| 受験番号 | フリガナ | |
| | 氏名 | |

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