

### 3 学年数学 5 月 7 日～13 日の課題解答

p 14

たしかめ①

$$(1) \quad (x+3)(x+6) \\ = x^2 + 9x + 18$$

$$(2) \quad (x+10)(x+2) \\ = x^2 + 12x + 20$$

たしかめ②

$$(1) \quad (x+7)(x-3) \\ = x^2 + 4x - 21$$

$$(2) \quad (x-2)(x-8) \\ = x^2 - 10x + 16$$

問1

$$(1) \quad (x+1)(x+2) \\ = x^2 + 3x + 2$$

$$(2) \quad (x+6)(x-2) \\ = x^2 + 4x - 12$$

$$(3) \quad (x-3)(x-4) \\ = x^2 - 7x + 12$$

$$(4) \quad (y+3)(y+5) \\ = y^2 + 8y + 15$$

$$(5) \quad (a-8)(a-7) \\ = a^2 - 15a + 56$$

$$(6) \quad (x-6)(x+5) \\ = x^2 - x - 30$$

$$(7) \quad (x-0.2)(x+0.4) \\ = x^2 + 0.2x - 0.08$$

$$(4) \quad \left(y - \frac{2}{3}\right)\left(y + \frac{1}{3}\right) \\ = y^2 - \frac{1}{3}y - \frac{2}{9}$$

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p 16

たしかめ③

$$(x+6)^2 = x^2 + 12x + 36$$

問3

$$(1) \quad (a+9)^2 = a^2 + 18a + 81$$

$$(4) \quad \left(x + \frac{1}{3}\right)^2 = x^2 + \frac{2}{3}x + \frac{1}{9}$$