

3 学年数学 臨時休業中の教科書課題 <解答>

p 1 0

たしかめ①

$$(1) \quad 4a(a+3b) \\ = 4a^2 + 12ab$$

$$(2) \quad (2x-7y) \times (-5x) \\ = -10x^2 + 35xy$$

問1

$$(1) \quad -b(5a-b) \\ = -5ab + b^2$$

$$(2) \quad \frac{2}{3}x(3x-6) \\ = 2x^2 - 4x$$

$$(3) \quad 2a(a-b-c) \\ = 2a^2 - 2ab - 2ac$$

$$(4) \quad (3x+2y-1) \times (-6x) \\ = -18x^2 - 12xy + 6x$$

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p 1 1

問2

$$(1) \quad 2x(x-4) + 3x(x+5) \\ = 5x^2 + 7x$$

$$(2) \quad 4a(a-3) - 2a(3a-6) \\ = -2a^2$$

$$(3) \quad -3x(5-x) - 4x(1+x) \\ = -x^2 - 19x$$

たしかめ②

$$(1) \quad (2x^2y - 3xy^2) \div y \\ = 2x^2 - 3xy$$

$$(2) \quad (6ab - 2ab^2) \div \frac{2}{3}a \\ = 9b - 3b^2$$

問3

$$(1) \quad (8a^2b + 2b) \div (-2b) = -4a^2 - 1$$

$$(2) \quad (6a^2b - 9ab^2) \div 3ab = 2a - 3b$$

$$(3) \quad (x^2y + xy^2 - x) \div x = xy + y^2 - 1$$

$$(4) \quad (12a^2b - 8ab) \div \left(-\frac{4}{5}ab\right) = -15a + 10$$