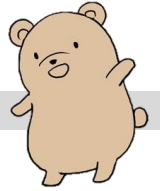


【数学 解答】



(教科書P 14)

たしかめ1	(1) $x^2 + 9x + 18$	(2) $x^2 + 12x + 20$
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(教科書P 15)

たしかめ2	(1) $x^2 - 2x - 3$	(2) $x^2 - 10x + 16$
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問1	(1) $x^2 + 3x + 2$	(2) $x^2 + 4x - 12$
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	(3) $x^2 - 7x + 12$	(4) $y^2 + 8y + 15$
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	(5) $a^2 - 15a + 56$	(6) $x^2 - x - 30$
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	(7) $x^2 + 0.2x - 0.08$	(8) $y^2 - \frac{1}{3}y - \frac{2}{9}$
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問2	$x^2 - 2ax + a^2$
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(教科書P 16)

たしかめ3	$x^2 + 12x + 36$
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たしかめ4	$y^2 - 10y + 25$
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問3	(1) $a^2 + 18a + 81$	(2) $a^2 - 14a + 49$
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	(3) $a^2 - 2ab + b^2$	(4) $x^2 + \frac{2}{3}x + \frac{1}{9}$
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(教科書P 17)

たしかめ5	$x^2 - 9$
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問4	(1) $a^2 - b^2$	(2) $x^2 - 25$
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	(3) $y^2 - \frac{1}{49}$	(4) $4 - x^2$
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問5	(1) $x^2 - 8x + 16$	(2) $x^2 - 2x - 24$
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	(3) $x^2 - 49$	(4) $a^2 + 2ab + b^2$
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	(5) $x^2 + 8x + 12$	(6) $64 + 16a + a^2$
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	(7) $a^2 + 3a - 10$	(8) $81 - x^2$
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(教科書P 1 8)

Q 考えてみよう 乗法公式① $(x + a)(x + b) = x^2 + (a + b)x + ab$

問6 (1) $9x^2 - 18x + 8$ (2) $16a^2 + 12a - 18$

問7 (1) $25x^2 + 20x + 4$ (2) $9a^2 - 30ab + 25b^2$

(3) $36x^2 - 49$ (4) $49x^2 - 16y^2$

(教科書P 1 9)

問8 (1) $x^2 + 2xy + y^2 - 2x - 2y - 15$ (2) $a^2 + 2ab + b^2 + 2ac + 2bc + c^2$

(3) $a^2 - 2ab + b^2 - 12a + 12b + 36$

問9 (1) $2x^2 + x + 8$ (2) $x^2 + x + 4$

やってみよう $x^3 + 3ax^2 + 3a^2x + a^3$

(教科書P 2 2)

やってみよう (1) $(x + 2)(2x + 1)$ (2) $(x + 1)(2x + 3)$

(教科書P 2 3)

たしかめ1 (1) $x(a - b)$ (2) $2x(xy - 2)$

問1 (1) $2x(3m - n)$ (2) $5x(x - 2y)$

(3) $xy(y - x)$ (4) $2ab(2a - 3b - 5)$