

式の計算 多項式の加法・減法（20問） 版A

組 番 なまえ： _____

／20問

次の計算をしましょう。

(1) $-4(-a - 8b)$

(2) $6a + 9a^2 + 4a - 6a^2$

(3) $3(-3a - 3b) - 2(-3a - 4b)$

(4) $(-5a + 3b) - (2a + 7b)$

(5) $(-3x + 7y) + (-x - 9y)$

(6) $3x - 4y - 2x - 8y$

(7) $4(2a + 5b) - 3(5a - 3b)$

(8) $8x - 9y - x - 8y$

(9) $5a + 7b - 6a - 3b$

(10) $8a + 3b + a + 4b$

(11) $(-5x - 5y) - (5x + 6y)$

(12) $(-9x + 3y) \div 3$

(13) $4(5x^2 + 5x - 6)$

(14) $3(6x - 5y)$

(15) $3(-x + 2y) + 2(-3x - 4y)$

(16) $(-8x + 2y) - (7x - 3y)$

(17) $a - b - 9a + 3b$

(18) $4(-4x + 9y)$

(19) $5(-2x - 5y) + 4(-4x - 2y)$

(20) $(2a + b) + (-6a + 3b)$

式の計算 多項式の加法・減法（20問） 版B

組 番 なまえ： _____

／20問

次の計算をしましょう。

(1) $(-6a + 6b) + (3a - b)$

(2) $4(-a + 4b)$

(3) $(-7a - 6b) + (-a - 6b)$

(4) $5(-a - b)$

(5) $6(a + 5b)$

(6) $2(x + 4y) - 5(x + 2y)$

(7) $6x + 3y + x + 5y$

(8) $-4a + 3b - 8a - 6b$

(9) $5(3x - 6y) - 3(x + 6y)$

(10) $-7x + 4y + 5x - 2y$

(11) $2x - 9y + 3x + 5y$

(12) $9a + 5b - 6a + 9b$

(13) $4(-4x + 5y) + 4(-5x + 6y)$

(14) $3(3a - 5b)$

(15) $x - 7x^2 - 4x - 9x^2$

(16) $(-9x - 15y) \div 3$

(17) $5(4x + 5y) + 4(-6x + 6y)$

(18) $(7x - 2y) - (-x + 8y)$

(19) $(-9a + 7b) - (-3a - 4b)$

(20) $(9a + 2b) + (-8a - b)$

式の計算 多項式の加法・減法（20問） 版C

組 番 なまえ： _____

／20問

次の計算をしましょう。

(1) $5(4x - y) + 3(5x + 3y)$

(2) $(-6x + 3y) \div 3$

(3) $-3(-x - 3y)$

(4) $(8a + 4b) - (6a - 3b)$

(5) $-4(-a^2 + 7a + 6)$

(6) $3(3x - 4y) + 3(-2x - 5y)$

(7) $(-6a + 3b) + (2a - 7b)$

(8) $8x - 6y - 5x - 9y$

(9) $(-x + y) - (7x - 5y)$

(10) $-6a - 5a^2 + 5a - 8a^2$

(11) $(-3x + 8y) - (5x + 5y)$

(12) $6a + 6b + 2a + 6b$

(13) $-2a - 8b - 4a - 9b$

(14) $2(-6x + y) - 3(4x + 6y)$

(15) $5(4x + 2y) - 2(2x + 4y)$

(16) $3a - 8b - 5a - 6b$

(17) $-5(2a + 4b)$

(18) $(-2a + 4b) - (4a + 6b)$

(19) $9a + 4b + 2a - 2b$

(20) $(-12x + 3y) \div 3$

式の計算 多項式の加法・減法（20問） 版D

組 番 なまえ： _____

／20問

次の計算をしましょう。

(1) $3(-4a - 5b) - 5(5a - b)$

(2) $4(-2a + 6b) + 5(-6a - 2b)$

(3) $2(-a - 5b) - 5(-a - 3b)$

(4) $(-6x + 6y) - (4x + 3y)$

(5) $5(3x + y) + 2(x - y)$

(6) $5(-4x^2 + 9x + 6)$

(7) $2x + 4y + 6x - 5y$

(8) $8a + 3a^2 + 9a + a^2$

(9) $(6x + 2y) - (-9x + 4y)$

(10) $(7a + 8b) - (3a - 3b)$

(11) $2(-6x - 5y)$

(12) $4(-5x^2 - 2x + 7)$

(13) $8a + b + 4a - 9b$

(14) $-6a - 5b - 7a + 6b$

(15) $(-9x - y) - (-8x + 4y)$

(16) $2(-3x^2 + x + 9)$

(17) $-6x - 6y + 7x - y$

(18) $-2(a^2 + 6a - 6)$

(19) $-9x + 5x^2 + 8x - 7x^2$

(20) $(-6a + 7b) - (4a - 2b)$

式の計算 多項式の加法・減法（20問） 版E

組 番 なまえ： _____

／20問

次の計算をしましょう。

(1) $3(5x + 2y) - 5(x - 4y)$

(2) $(-6a - 5b) - (7a - 6b)$

(3) $-4a - 3b + 2a + 8b$

(4) $2(-2a - 6b) + 3(-3a + 2b)$

(5) $-3(-3x^2 - 6x - 5)$

(6) $2(4x + 4y) + 4(-3x - 5y)$

(7) $4(2x^2 + 3x + 5)$

(8) $-2x + 7x^2 + 3x + 5x^2$

(9) $7a + 8b - 9a + 9b$

(10) $4(4a - b)$

(11) $(6x - 9y) + (-2x + 7y)$

(12) $(-2x - 3y) + (x + y)$

(13) $x - 6y + 8x - 2y$

(14) $(-7a - 3b) - (2a + 9b)$

(15) $-6x - 7x^2 - 6x - x^2$

(16) $-4(5a + 6b)$

(17) $3x - 2y - x + 9y$

(18) $3(2a - 6b) + 4(6a + b)$

(19) $(-6a - 12b) \div (-3)$

(20) $(6a + 7b) - (-4a + 4b)$

式の計算 多項式の加法・減法（20問） 版F

組 番 なまえ： _____

／20問

次の計算をしましょう。

(1) $2(-a + 7b)$

(2) $(5x - 3y) + (-x + 6y)$

(3) $3(-2a - 3b) + 2(-2a - b)$

(4) $-5a + a^2 - 4a + 4a^2$

(5) $4(-4a - 5b) - 2(3a + 5b)$

(6) $3(3x + 6y) + 2(-5x - y)$

(7) $-8x + 9y - 5x + 7y$

(8) $(-9a + 7b) - (7a - 8b)$

(9) $4(4x^2 + 6x - 6)$

(10) $(-7a + 6b) - (4a + 2b)$

(11) $4x - 9y + 8x - 2y$

(12) $x - 4y + x + 9y$

(13) $3(4a - b) - 5(-5a - b)$

(14) $-5x - 8y - 6x + 9y$

(15) $(4a - 4b) \div 2$

(16) $(-9x + y) - (4x + 7y)$

(17) $-5(5a - b)$

(18) $-9a - 2b - 8a + 8b$

(19) $(4x - y) - (-6x - 3y)$

(20) $-4(-3x - 8y)$

式の計算 多項式の加法・減法（20問） 版G

組 番 なまえ： _____

／20問

次の計算をしましょう。

(1) $(-9a + 2b) - (7a - 7b)$

(2) $(-3a - 5b) - (7a - 6b)$

(3) $3(2x + 6y) - 4(-4x + 3y)$

(4) $-5(-6x + 3y)$

(5) $5(x + y) - 3(4x + 5y)$

(6) $3(-4a + 2b) - 5(-4a - 5b)$

(7) $3(-2a - 5b)$

(8) $-2(-x^2 - 9x + 5)$

(9) $(-9x + 8y) - (-6x - 5y)$

(10) $-7a - 6b + a - b$

(11) $(9x + 15y) \div 3$

(12) $2(-2x - 6y) + 5(2x - 6y)$

(13) $(x + 6y) - (9x - y)$

(14) $-4x + 3x^2 - x + 7x^2$

(15) $9x + 4y - 5x + 4y$

(16) $(-3x + 2y) - (x + 6y)$

(17) $-2a + 6a^2 + 4a + 9a^2$

(18) $-8x - 8y + 4x - 9y$

(19) $-6a - b + 8a + 4b$

(20) $6(a^2 - a - 5)$

式の計算 多項式の加法・減法（20問） 版H

組 番 なまえ： _____

／20問

次の計算をしましょう。

(1) $6(-4a - 7b)$

(2) $3(3x + 5y) - 2(6x + 3y)$

(3) $2(5a - 5b) + 5(2a - b)$

(4) $3(-6a - 4b) - 2(a + b)$

(5) $-2(-4a + 9b)$

(6) $-4a - 2b - 9a - 8b$

(7) $(9x + 9y) \div 3$

(8) $(a + 3b) - (2a + 9b)$

(9) $4x + 6y - 2x + y$

(10) $(7x + 8y) + (4x + y)$

(11) $6a + 9a^2 - 9a + 9a^2$

(12) $3x + 8x^2 - x + 2x^2$

(13) $(-3a + 2b) - (-9a + 7b)$

(14) $(-4x + 6y) - (5x + 8y)$

(15) $-7a + 5b + 6a + b$

(16) $(5x - 6y) + (6x - 2y)$

(17) $(-20x + 12y) \div (-4)$

(18) $(-3x - 6y) \div 3$

(19) $5(5x + 3y) + 5(6x + 3y)$

(20) $3a - 8a^2 - 7a - 7a^2$

式の計算 多項式の加法・減法（20問） 版I

組 番 なまえ： _____

／20問

次の計算をしましょう。

(1) $4(6a + 3b) + 4(2a + b)$

(2) $(4a + 6b) - (-3a - 6b)$

(3) $(-7a - 5b) - (a + 5b)$

(4) $3x + 9y - 4x - 4y$

(5) $(8a - 3b) + (-6a + 6b)$

(6) $2(a - 2b) + 5(-6a - 5b)$

(7) $3(-a + 3b) - 2(-2a + 2b)$

(8) $4(4x - 6y) + 4(-2x - 5y)$

(9) $6(-2x^2 - 2x - 4)$

(10) $(-9x + 6y) \div 3$

(11) $-7a - 3b + 3a - 7b$

(12) $-2(6a + 9b)$

(13) $(7a - 5b) - (-9a + 3b)$

(14) $7x + 4x^2 + 2x + 7x^2$

(15) $-9a + b - 9a + b$

(16) $(-6a + 3b) \div 3$

(17) $x - 8x^2 + 3x - x^2$

(18) $6(-x^2 - 4x - 5)$

(19) $-2x - 4y - 2x + y$

(20) $(-3x + y) - (-4x + 3y)$

式の計算 多項式の加法・減法（20問） 版J

組 番 なまえ： _____

／20問

次の計算をしましょう。

(1) $-3(-3x - 7y)$

(2) $(-4a + 9b) + (-5a - 7b)$

(3) $(-9a - b) - (-6a + 2b)$

(4) $5(-x + 5y) - 3(3x + y)$

(5) $-2(-5a^2 - 9a + 5)$

(6) $(-6x - 15y) \div 3$

(7) $(9a + 15b) \div 3$

(8) $3(-6a + 4b) + 2(-a - 4b)$

(9) $3(-6x - 4y) + 3(4x + 3y)$

(10) $(-2a + 7b) - (5a - 6b)$

(11) $7a + 9a^2 + a - a^2$

(12) $(8a + 12b) \div 4$

(13) $(8a - 7b) + (5a + 8b)$

(14) $3(-5a - 6b) - 5(-2a + 5b)$

(15) $5x - 3y - 3x - 2y$

(16) $(-a + 7b) + (9a + 8b)$

(17) $-3a - 3a^2 + a - 5a^2$

(18) $-7x + 3y - 5x + 3y$

(19) $-8a + 2b + 4a + 5b$

(20) $8a + 6b + 2a + 4b$

式の計算 多項式の加法・減法（20問） 版Aの答え

※ かつこの前が－のとき、かつこの中の2つ目の項の符号まで変えたかを見てください。

次の計算をしましょう。

$$\begin{aligned}(1) \quad & -4(-a - 8b) \\ & = 4a + 32b\end{aligned}$$

$$\begin{aligned}(2) \quad & 6a + 9a^2 + 4a - 6a^2 \\ & = 3a^2 + 10a\end{aligned}$$

$$\begin{aligned}(3) \quad & 3(-3a - 3b) - 2(-3a - 4b) \\ & = -3a - b\end{aligned}$$

$$\begin{aligned}(4) \quad & (-5a + 3b) - (2a + 7b) \\ & = -7a - 4b\end{aligned}$$

$$\begin{aligned}(5) \quad & (-3x + 7y) + (-x - 9y) \\ & = -4x - 2y\end{aligned}$$

$$\begin{aligned}(6) \quad & 3x - 4y - 2x - 8y \\ & = x - 12y\end{aligned}$$

$$\begin{aligned}(7) \quad & 4(2a + 5b) - 3(5a - 3b) \\ & = -7a + 29b\end{aligned}$$

$$\begin{aligned}(8) \quad & 8x - 9y - x - 8y \\ & = 7x - 17y\end{aligned}$$

$$\begin{aligned}(9) \quad & 5a + 7b - 6a - 3b \\ & = -a + 4b\end{aligned}$$

$$\begin{aligned}(10) \quad & 8a + 3b + a + 4b \\ & = 9a + 7b\end{aligned}$$

$$\begin{aligned}(11) \quad & (-5x - 5y) - (5x + 6y) \\ & = -10x - 11y\end{aligned}$$

$$\begin{aligned}(12) \quad & (-9x + 3y) \div 3 \\ & = -3x + y\end{aligned}$$

$$\begin{aligned}(13) \quad & 4(5x^2 + 5x - 6) \\ & = 20x^2 + 20x - 24\end{aligned}$$

$$\begin{aligned}(14) \quad & 3(6x - 5y) \\ & = 18x - 15y\end{aligned}$$

$$\begin{aligned}(15) \quad & 3(-x + 2y) + 2(-3x - 4y) \\ & = -9x - 2y\end{aligned}$$

$$\begin{aligned}(16) \quad & (-8x + 2y) - (7x - 3y) \\ & = -15x + 5y\end{aligned}$$

$$\begin{aligned}(17) \quad & a - b - 9a + 3b \\ & = -8a + 2b\end{aligned}$$

$$\begin{aligned}(18) \quad & 4(-4x + 9y) \\ & = -16x + 36y\end{aligned}$$

$$\begin{aligned}(19) \quad & 5(-2x - 5y) + 4(-4x - 2y) \\ & = -26x - 33y\end{aligned}$$

$$\begin{aligned}(20) \quad & (2a + b) + (-6a + 3b) \\ & = -4a + 4b\end{aligned}$$

式の計算 多項式の加法・減法（20問） 版Bの答え

※ かつこの前が－のとき、かつこの中の2つ目の項の符号まで変えたかを見てください。

次の計算をしましょう。

$$\begin{aligned}(1) \quad & (-6a + 6b) + (3a - b) \\ & = -3a + 5b\end{aligned}$$

$$\begin{aligned}(2) \quad & 4(-a + 4b) \\ & = -4a + 16b\end{aligned}$$

$$\begin{aligned}(3) \quad & (-7a - 6b) + (-a - 6b) \\ & = -8a - 12b\end{aligned}$$

$$\begin{aligned}(4) \quad & 5(-a - b) \\ & = -5a - 5b\end{aligned}$$

$$\begin{aligned}(5) \quad & 6(a + 5b) \\ & = 6a + 30b\end{aligned}$$

$$\begin{aligned}(6) \quad & 2(x + 4y) - 5(x + 2y) \\ & = -3x - 2y\end{aligned}$$

$$\begin{aligned}(7) \quad & 6x + 3y + x + 5y \\ & = 7x + 8y\end{aligned}$$

$$\begin{aligned}(8) \quad & -4a + 3b - 8a - 6b \\ & = -12a - 3b\end{aligned}$$

$$\begin{aligned}(9) \quad & 5(3x - 6y) - 3(x + 6y) \\ & = 12x - 48y\end{aligned}$$

$$\begin{aligned}(10) \quad & -7x + 4y + 5x - 2y \\ & = -2x + 2y\end{aligned}$$

$$\begin{aligned}(11) \quad & 2x - 9y + 3x + 5y \\ & = 5x - 4y\end{aligned}$$

$$\begin{aligned}(12) \quad & 9a + 5b - 6a + 9b \\ & = 3a + 14b\end{aligned}$$

$$\begin{aligned}(13) \quad & 4(-4x + 5y) + 4(-5x + 6y) \\ & = -36x + 44y\end{aligned}$$

$$\begin{aligned}(14) \quad & 3(3a - 5b) \\ & = 9a - 15b\end{aligned}$$

$$\begin{aligned}(15) \quad & x - 7x^2 - 4x - 9x^2 \\ & = -16x^2 - 3x\end{aligned}$$

$$\begin{aligned}(16) \quad & (-9x - 15y) \div 3 \\ & = -3x - 5y\end{aligned}$$

$$\begin{aligned}(17) \quad & 5(4x + 5y) + 4(-6x + 6y) \\ & = -4x + 49y\end{aligned}$$

$$\begin{aligned}(18) \quad & (7x - 2y) - (-x + 8y) \\ & = 8x - 10y\end{aligned}$$

$$\begin{aligned}(19) \quad & (-9a + 7b) - (-3a - 4b) \\ & = -6a + 11b\end{aligned}$$

$$\begin{aligned}(20) \quad & (9a + 2b) + (-8a - b) \\ & = a + b\end{aligned}$$

式の計算 多項式の加法・減法（20問） 版Cの答え

※ かつこの前が－のとき、かつこの中の2つ目の項の符号まで変えたかを見てください。

次の計算をしましょう。

$$\begin{aligned}(1) \quad & 5(4x - y) + 3(5x + 3y) \\ & = 35x + 4y\end{aligned}$$

$$\begin{aligned}(2) \quad & (-6x + 3y) \div 3 \\ & = -2x + y\end{aligned}$$

$$\begin{aligned}(3) \quad & -3(-x - 3y) \\ & = 3x + 9y\end{aligned}$$

$$\begin{aligned}(4) \quad & (8a + 4b) - (6a - 3b) \\ & = 2a + 7b\end{aligned}$$

$$\begin{aligned}(5) \quad & -4(-a^2 + 7a + 6) \\ & = 4a^2 - 28a - 24\end{aligned}$$

$$\begin{aligned}(6) \quad & 3(3x - 4y) + 3(-2x - 5y) \\ & = 3x - 27y\end{aligned}$$

$$\begin{aligned}(7) \quad & (-6a + 3b) + (2a - 7b) \\ & = -4a - 4b\end{aligned}$$

$$\begin{aligned}(8) \quad & 8x - 6y - 5x - 9y \\ & = 3x - 15y\end{aligned}$$

$$\begin{aligned}(9) \quad & (-x + y) - (7x - 5y) \\ & = -8x + 6y\end{aligned}$$

$$\begin{aligned}(10) \quad & -6a - 5a^2 + 5a - 8a^2 \\ & = -13a^2 - a\end{aligned}$$

$$\begin{aligned}(11) \quad & (-3x + 8y) - (5x + 5y) \\ & = -8x + 3y\end{aligned}$$

$$\begin{aligned}(12) \quad & 6a + 6b + 2a + 6b \\ & = 8a + 12b\end{aligned}$$

$$\begin{aligned}(13) \quad & -2a - 8b - 4a - 9b \\ & = -6a - 17b\end{aligned}$$

$$\begin{aligned}(14) \quad & 2(-6x + y) - 3(4x + 6y) \\ & = -24x - 16y\end{aligned}$$

$$\begin{aligned}(15) \quad & 5(4x + 2y) - 2(2x + 4y) \\ & = 16x + 2y\end{aligned}$$

$$\begin{aligned}(16) \quad & 3a - 8b - 5a - 6b \\ & = -2a - 14b\end{aligned}$$

$$\begin{aligned}(17) \quad & -5(2a + 4b) \\ & = -10a - 20b\end{aligned}$$

$$\begin{aligned}(18) \quad & (-2a + 4b) - (4a + 6b) \\ & = -6a - 2b\end{aligned}$$

$$\begin{aligned}(19) \quad & 9a + 4b + 2a - 2b \\ & = 11a + 2b\end{aligned}$$

$$\begin{aligned}(20) \quad & (-12x + 3y) \div 3 \\ & = -4x + y\end{aligned}$$

式の計算 多項式の加法・減法（20問） 版Dの答え

※ かつこの前が－のとき、かつこの中の2つ目の項の符号まで変えたかを見てください。

次の計算をしましょう。

$$\begin{aligned}(1) \quad & 3(-4a - 5b) - 5(5a - b) \\ & = -37a - 10b\end{aligned}$$

$$\begin{aligned}(2) \quad & 4(-2a + 6b) + 5(-6a - 2b) \\ & = -38a + 14b\end{aligned}$$

$$\begin{aligned}(3) \quad & 2(-a - 5b) - 5(-a - 3b) \\ & = 3a + 5b\end{aligned}$$

$$\begin{aligned}(4) \quad & (-6x + 6y) - (4x + 3y) \\ & = -10x + 3y\end{aligned}$$

$$\begin{aligned}(5) \quad & 5(3x + y) + 2(x - y) \\ & = 17x + 3y\end{aligned}$$

$$\begin{aligned}(6) \quad & 5(-4x^2 + 9x + 6) \\ & = -20x^2 + 45x + 30\end{aligned}$$

$$\begin{aligned}(7) \quad & 2x + 4y + 6x - 5y \\ & = 8x - y\end{aligned}$$

$$\begin{aligned}(8) \quad & 8a + 3a^2 + 9a + a^2 \\ & = 4a^2 + 17a\end{aligned}$$

$$\begin{aligned}(9) \quad & (6x + 2y) - (-9x + 4y) \\ & = 15x - 2y\end{aligned}$$

$$\begin{aligned}(10) \quad & (7a + 8b) - (3a - 3b) \\ & = 4a + 11b\end{aligned}$$

$$\begin{aligned}(11) \quad & 2(-6x - 5y) \\ & = -12x - 10y\end{aligned}$$

$$\begin{aligned}(12) \quad & 4(-5x^2 - 2x + 7) \\ & = -20x^2 - 8x + 28\end{aligned}$$

$$\begin{aligned}(13) \quad & 8a + b + 4a - 9b \\ & = 12a - 8b\end{aligned}$$

$$\begin{aligned}(14) \quad & -6a - 5b - 7a + 6b \\ & = -13a + b\end{aligned}$$

$$\begin{aligned}(15) \quad & (-9x - y) - (-8x + 4y) \\ & = -x - 5y\end{aligned}$$

$$\begin{aligned}(16) \quad & 2(-3x^2 + x + 9) \\ & = -6x^2 + 2x + 18\end{aligned}$$

$$\begin{aligned}(17) \quad & -6x - 6y + 7x - y \\ & = x - 7y\end{aligned}$$

$$\begin{aligned}(18) \quad & -2(a^2 + 6a - 6) \\ & = -2a^2 - 12a + 12\end{aligned}$$

$$\begin{aligned}(19) \quad & -9x + 5x^2 + 8x - 7x^2 \\ & = -2x^2 - x\end{aligned}$$

$$\begin{aligned}(20) \quad & (-6a + 7b) - (4a - 2b) \\ & = -10a + 9b\end{aligned}$$

式の計算 多項式の加法・減法（20問） 版Eの答え

※ かつこの前が－のとき、かつこの中の2つ目の項の符号まで変えたかを見てください。

次の計算をしましょう。

$$\begin{aligned}(1) \quad & 3(5x + 2y) - 5(x - 4y) \\ & = 10x + 26y\end{aligned}$$

$$\begin{aligned}(2) \quad & (-6a - 5b) - (7a - 6b) \\ & = -13a + b\end{aligned}$$

$$\begin{aligned}(3) \quad & -4a - 3b + 2a + 8b \\ & = -2a + 5b\end{aligned}$$

$$\begin{aligned}(4) \quad & 2(-2a - 6b) + 3(-3a + 2b) \\ & = -13a - 6b\end{aligned}$$

$$\begin{aligned}(5) \quad & -3(-3x^2 - 6x - 5) \\ & = 9x^2 + 18x + 15\end{aligned}$$

$$\begin{aligned}(6) \quad & 2(4x + 4y) + 4(-3x - 5y) \\ & = -4x - 12y\end{aligned}$$

$$\begin{aligned}(7) \quad & 4(2x^2 + 3x + 5) \\ & = 8x^2 + 12x + 20\end{aligned}$$

$$\begin{aligned}(8) \quad & -2x + 7x^2 + 3x + 5x^2 \\ & = 12x^2 + x\end{aligned}$$

$$\begin{aligned}(9) \quad & 7a + 8b - 9a + 9b \\ & = -2a + 17b\end{aligned}$$

$$\begin{aligned}(10) \quad & 4(4a - b) \\ & = 16a - 4b\end{aligned}$$

$$\begin{aligned}(11) \quad & (6x - 9y) + (-2x + 7y) \\ & = 4x - 2y\end{aligned}$$

$$\begin{aligned}(12) \quad & (-2x - 3y) + (x + y) \\ & = -x - 2y\end{aligned}$$

$$\begin{aligned}(13) \quad & x - 6y + 8x - 2y \\ & = 9x - 8y\end{aligned}$$

$$\begin{aligned}(14) \quad & (-7a - 3b) - (2a + 9b) \\ & = -9a - 12b\end{aligned}$$

$$\begin{aligned}(15) \quad & -6x - 7x^2 - 6x - x^2 \\ & = -8x^2 - 12x\end{aligned}$$

$$\begin{aligned}(16) \quad & -4(5a + 6b) \\ & = -20a - 24b\end{aligned}$$

$$\begin{aligned}(17) \quad & 3x - 2y - x + 9y \\ & = 2x + 7y\end{aligned}$$

$$\begin{aligned}(18) \quad & 3(2a - 6b) + 4(6a + b) \\ & = 30a - 14b\end{aligned}$$

$$\begin{aligned}(19) \quad & (-6a - 12b) \div (-3) \\ & = 2a + 4b\end{aligned}$$

$$\begin{aligned}(20) \quad & (6a + 7b) - (-4a + 4b) \\ & = 10a + 3b\end{aligned}$$

式の計算 多項式の加法・減法（20問） 版Fの答え

※ かつこの前が－のとき、かつこの中の2つ目の項の符号まで変えたかを見てください。

次の計算をしましょう。

$$\begin{aligned}(1) \quad & 2(-a + 7b) \\ & = -2a + 14b\end{aligned}$$

$$\begin{aligned}(2) \quad & (5x - 3y) + (-x + 6y) \\ & = 4x + 3y\end{aligned}$$

$$\begin{aligned}(3) \quad & 3(-2a - 3b) + 2(-2a - b) \\ & = -10a - 11b\end{aligned}$$

$$\begin{aligned}(4) \quad & -5a + a^2 - 4a + 4a^2 \\ & = 5a^2 - 9a\end{aligned}$$

$$\begin{aligned}(5) \quad & 4(-4a - 5b) - 2(3a + 5b) \\ & = -22a - 30b\end{aligned}$$

$$\begin{aligned}(6) \quad & 3(3x + 6y) + 2(-5x - y) \\ & = -x + 16y\end{aligned}$$

$$\begin{aligned}(7) \quad & -8x + 9y - 5x + 7y \\ & = -13x + 16y\end{aligned}$$

$$\begin{aligned}(8) \quad & (-9a + 7b) - (7a - 8b) \\ & = -16a + 15b\end{aligned}$$

$$\begin{aligned}(9) \quad & 4(4x^2 + 6x - 6) \\ & = 16x^2 + 24x - 24\end{aligned}$$

$$\begin{aligned}(10) \quad & (-7a + 6b) - (4a + 2b) \\ & = -11a + 4b\end{aligned}$$

$$\begin{aligned}(11) \quad & 4x - 9y + 8x - 2y \\ & = 12x - 11y\end{aligned}$$

$$\begin{aligned}(12) \quad & x - 4y + x + 9y \\ & = 2x + 5y\end{aligned}$$

$$\begin{aligned}(13) \quad & 3(4a - b) - 5(-5a - b) \\ & = 37a + 2b\end{aligned}$$

$$\begin{aligned}(14) \quad & -5x - 8y - 6x + 9y \\ & = -11x + y\end{aligned}$$

$$\begin{aligned}(15) \quad & (4a - 4b) \div 2 \\ & = 2a - 2b\end{aligned}$$

$$\begin{aligned}(16) \quad & (-9x + y) - (4x + 7y) \\ & = -13x - 6y\end{aligned}$$

$$\begin{aligned}(17) \quad & -5(5a - b) \\ & = -25a + 5b\end{aligned}$$

$$\begin{aligned}(18) \quad & -9a - 2b - 8a + 8b \\ & = -17a + 6b\end{aligned}$$

$$\begin{aligned}(19) \quad & (4x - y) - (-6x - 3y) \\ & = 10x + 2y\end{aligned}$$

$$\begin{aligned}(20) \quad & -4(-3x - 8y) \\ & = 12x + 32y\end{aligned}$$

式の計算 多項式の加法・減法（20問） 版Gの答え

※ かつこの前が－ のとき、かつこの中の2つ目の項の符号まで変えたかを見てください。

次の計算をしましょう。

$$\begin{aligned}(1) \quad & (-9a + 2b) - (7a - 7b) \\ & = -16a + 9b\end{aligned}$$

$$\begin{aligned}(2) \quad & (-3a - 5b) - (7a - 6b) \\ & = -10a + b\end{aligned}$$

$$\begin{aligned}(3) \quad & 3(2x + 6y) - 4(-4x + 3y) \\ & = 22x + 6y\end{aligned}$$

$$\begin{aligned}(4) \quad & -5(-6x + 3y) \\ & = 30x - 15y\end{aligned}$$

$$\begin{aligned}(5) \quad & 5(x + y) - 3(4x + 5y) \\ & = -7x - 10y\end{aligned}$$

$$\begin{aligned}(6) \quad & 3(-4a + 2b) - 5(-4a - 5b) \\ & = 8a + 31b\end{aligned}$$

$$\begin{aligned}(7) \quad & 3(-2a - 5b) \\ & = -6a - 15b\end{aligned}$$

$$\begin{aligned}(8) \quad & -2(-x^2 - 9x + 5) \\ & = 2x^2 + 18x - 10\end{aligned}$$

$$\begin{aligned}(9) \quad & (-9x + 8y) - (-6x - 5y) \\ & = -3x + 13y\end{aligned}$$

$$\begin{aligned}(10) \quad & -7a - 6b + a - b \\ & = -6a - 7b\end{aligned}$$

$$\begin{aligned}(11) \quad & (9x + 15y) \div 3 \\ & = 3x + 5y\end{aligned}$$

$$\begin{aligned}(12) \quad & 2(-2x - 6y) + 5(2x - 6y) \\ & = 6x - 42y\end{aligned}$$

$$\begin{aligned}(13) \quad & (x + 6y) - (9x - y) \\ & = -8x + 7y\end{aligned}$$

$$\begin{aligned}(14) \quad & -4x + 3x^2 - x + 7x^2 \\ & = 10x^2 - 5x\end{aligned}$$

$$\begin{aligned}(15) \quad & 9x + 4y - 5x + 4y \\ & = 4x + 8y\end{aligned}$$

$$\begin{aligned}(16) \quad & (-3x + 2y) - (x + 6y) \\ & = -4x - 4y\end{aligned}$$

$$\begin{aligned}(17) \quad & -2a + 6a^2 + 4a + 9a^2 \\ & = 15a^2 + 2a\end{aligned}$$

$$\begin{aligned}(18) \quad & -8x - 8y + 4x - 9y \\ & = -4x - 17y\end{aligned}$$

$$\begin{aligned}(19) \quad & -6a - b + 8a + 4b \\ & = 2a + 3b\end{aligned}$$

$$\begin{aligned}(20) \quad & 6(a^2 - a - 5) \\ & = 6a^2 - 6a - 30\end{aligned}$$

式の計算 多項式の加法・減法（20問） 版Hの答え

※ かつこの前が－のとき、かつこの中の2つ目の項の符号まで変えたかを見てください。

次の計算をしましょう。

$$\begin{aligned}(1) \quad & 6(-4a - 7b) \\ & = -24a - 42b\end{aligned}$$

$$\begin{aligned}(2) \quad & 3(3x + 5y) - 2(6x + 3y) \\ & = -3x + 9y\end{aligned}$$

$$\begin{aligned}(3) \quad & 2(5a - 5b) + 5(2a - b) \\ & = 20a - 15b\end{aligned}$$

$$\begin{aligned}(4) \quad & 3(-6a - 4b) - 2(a + b) \\ & = -20a - 14b\end{aligned}$$

$$\begin{aligned}(5) \quad & -2(-4a + 9b) \\ & = 8a - 18b\end{aligned}$$

$$\begin{aligned}(6) \quad & -4a - 2b - 9a - 8b \\ & = -13a - 10b\end{aligned}$$

$$\begin{aligned}(7) \quad & (9x + 9y) \div 3 \\ & = 3x + 3y\end{aligned}$$

$$\begin{aligned}(8) \quad & (a + 3b) - (2a + 9b) \\ & = -a - 6b\end{aligned}$$

$$\begin{aligned}(9) \quad & 4x + 6y - 2x + y \\ & = 2x + 7y\end{aligned}$$

$$\begin{aligned}(10) \quad & (7x + 8y) + (4x + y) \\ & = 11x + 9y\end{aligned}$$

$$\begin{aligned}(11) \quad & 6a + 9a^2 - 9a + 9a^2 \\ & = 18a^2 - 3a\end{aligned}$$

$$\begin{aligned}(12) \quad & 3x + 8x^2 - x + 2x^2 \\ & = 10x^2 + 2x\end{aligned}$$

$$\begin{aligned}(13) \quad & (-3a + 2b) - (-9a + 7b) \\ & = 6a - 5b\end{aligned}$$

$$\begin{aligned}(14) \quad & (-4x + 6y) - (5x + 8y) \\ & = -9x - 2y\end{aligned}$$

$$\begin{aligned}(15) \quad & -7a + 5b + 6a + b \\ & = -a + 6b\end{aligned}$$

$$\begin{aligned}(16) \quad & (5x - 6y) + (6x - 2y) \\ & = 11x - 8y\end{aligned}$$

$$\begin{aligned}(17) \quad & (-20x + 12y) \div (-4) \\ & = 5x - 3y\end{aligned}$$

$$\begin{aligned}(18) \quad & (-3x - 6y) \div 3 \\ & = -x - 2y\end{aligned}$$

$$\begin{aligned}(19) \quad & 5(5x + 3y) + 5(6x + 3y) \\ & = 55x + 30y\end{aligned}$$

$$\begin{aligned}(20) \quad & 3a - 8a^2 - 7a - 7a^2 \\ & = -15a^2 - 4a\end{aligned}$$

式の計算 多項式の加法・減法（20問） 版Iの答え

※ かつこの前が－ のとき、かつこの中の2つ目の項の符号まで変えたかを見てください。

次の計算をしましょう。

$$\begin{aligned}(1) \quad & 4(6a + 3b) + 4(2a + b) \\ & = 32a + 16b\end{aligned}$$

$$\begin{aligned}(2) \quad & (4a + 6b) - (-3a - 6b) \\ & = 7a + 12b\end{aligned}$$

$$\begin{aligned}(3) \quad & (-7a - 5b) - (a + 5b) \\ & = -8a - 10b\end{aligned}$$

$$\begin{aligned}(4) \quad & 3x + 9y - 4x - 4y \\ & = -x + 5y\end{aligned}$$

$$\begin{aligned}(5) \quad & (8a - 3b) + (-6a + 6b) \\ & = 2a + 3b\end{aligned}$$

$$\begin{aligned}(6) \quad & 2(a - 2b) + 5(-6a - 5b) \\ & = -28a - 29b\end{aligned}$$

$$\begin{aligned}(7) \quad & 3(-a + 3b) - 2(-2a + 2b) \\ & = a + 5b\end{aligned}$$

$$\begin{aligned}(8) \quad & 4(4x - 6y) + 4(-2x - 5y) \\ & = 8x - 44y\end{aligned}$$

$$\begin{aligned}(9) \quad & 6(-2x^2 - 2x - 4) \\ & = -12x^2 - 12x - 24\end{aligned}$$

$$\begin{aligned}(10) \quad & (-9x + 6y) \div 3 \\ & = -3x + 2y\end{aligned}$$

$$\begin{aligned}(11) \quad & -7a - 3b + 3a - 7b \\ & = -4a - 10b\end{aligned}$$

$$\begin{aligned}(12) \quad & -2(6a + 9b) \\ & = -12a - 18b\end{aligned}$$

$$\begin{aligned}(13) \quad & (7a - 5b) - (-9a + 3b) \\ & = 16a - 8b\end{aligned}$$

$$\begin{aligned}(14) \quad & 7x + 4x^2 + 2x + 7x^2 \\ & = 11x^2 + 9x\end{aligned}$$

$$\begin{aligned}(15) \quad & -9a + b - 9a + b \\ & = -18a + 2b\end{aligned}$$

$$\begin{aligned}(16) \quad & (-6a + 3b) \div 3 \\ & = -2a + b\end{aligned}$$

$$\begin{aligned}(17) \quad & x - 8x^2 + 3x - x^2 \\ & = -9x^2 + 4x\end{aligned}$$

$$\begin{aligned}(18) \quad & 6(-x^2 - 4x - 5) \\ & = -6x^2 - 24x - 30\end{aligned}$$

$$\begin{aligned}(19) \quad & -2x - 4y - 2x + y \\ & = -4x - 3y\end{aligned}$$

$$\begin{aligned}(20) \quad & (-3x + y) - (-4x + 3y) \\ & = x - 2y\end{aligned}$$

式の計算 多項式の加法・減法（20問） 版Jの答え

※ かつこの前が－のとき、かつこの中の2つ目の項の符号まで変えたかを見てください。

次の計算をしましょう。

$$\begin{aligned}(1) \quad & -3(-3x - 7y) \\ & = 9x + 21y\end{aligned}$$

$$\begin{aligned}(2) \quad & (-4a + 9b) + (-5a - 7b) \\ & = -9a + 2b\end{aligned}$$

$$\begin{aligned}(3) \quad & (-9a - b) - (-6a + 2b) \\ & = -3a - 3b\end{aligned}$$

$$\begin{aligned}(4) \quad & 5(-x + 5y) - 3(3x + y) \\ & = -14x + 22y\end{aligned}$$

$$\begin{aligned}(5) \quad & -2(-5a^2 - 9a + 5) \\ & = 10a^2 + 18a - 10\end{aligned}$$

$$\begin{aligned}(6) \quad & (-6x - 15y) \div 3 \\ & = -2x - 5y\end{aligned}$$

$$\begin{aligned}(7) \quad & (9a + 15b) \div 3 \\ & = 3a + 5b\end{aligned}$$

$$\begin{aligned}(8) \quad & 3(-6a + 4b) + 2(-a - 4b) \\ & = -20a + 4b\end{aligned}$$

$$\begin{aligned}(9) \quad & 3(-6x - 4y) + 3(4x + 3y) \\ & = -6x - 3y\end{aligned}$$

$$\begin{aligned}(10) \quad & (-2a + 7b) - (5a - 6b) \\ & = -7a + 13b\end{aligned}$$

$$\begin{aligned}(11) \quad & 7a + 9a^2 + a - a^2 \\ & = 8a^2 + 8a\end{aligned}$$

$$\begin{aligned}(12) \quad & (8a + 12b) \div 4 \\ & = 2a + 3b\end{aligned}$$

$$\begin{aligned}(13) \quad & (8a - 7b) + (5a + 8b) \\ & = 13a + b\end{aligned}$$

$$\begin{aligned}(14) \quad & 3(-5a - 6b) - 5(-2a + 5b) \\ & = -5a - 43b\end{aligned}$$

$$\begin{aligned}(15) \quad & 5x - 3y - 3x - 2y \\ & = 2x - 5y\end{aligned}$$

$$\begin{aligned}(16) \quad & (-a + 7b) + (9a + 8b) \\ & = 8a + 15b\end{aligned}$$

$$\begin{aligned}(17) \quad & -3a - 3a^2 + a - 5a^2 \\ & = -8a^2 - 2a\end{aligned}$$

$$\begin{aligned}(18) \quad & -7x + 3y - 5x + 3y \\ & = -12x + 6y\end{aligned}$$

$$\begin{aligned}(19) \quad & -8a + 2b + 4a + 5b \\ & = -4a + 7b\end{aligned}$$

$$\begin{aligned}(20) \quad & 8a + 6b + 2a + 4b \\ & = 10a + 10b\end{aligned}$$