

一次方程式（カッコあり） No.1

組()番()名前()

ID: linear_eq_paren-v01

(1) $4(x + 3) = 2x + 20$

(11) $4(x - 3) = 5x - 13$

(2) $3(x - 2) = 5x + 0$ 答え _____

(12) $-3(x - 1) = 5x - 69$ 答え _____

(3) $-2(x + 2) = -4x - 14$ 答え _____

(13) $-3(x + 0) = 5x - 48$ 答え _____

(4) $4(x - 1) = -4x + 52$ 答え _____

(14) $4(x - 4) = 5x - 17$ 答え _____

(5) $-2(x + 1) = 4x + 52$ 答え _____

(15) $-2(x + 3) = -3x - 12$ 答え _____

(6) $4(x + 2) = 5x + 13$ 答え _____

(16) $-3(x + 1) = 5x - 59$ 答え _____

(7) $-2(x + 3) = -4x - 24$ 答え _____

(17) $-3(x - 2) = 5x - 2$ 答え _____

(8) $-3(x + 2) = 0x + 12$ 答え _____

(18) $4(x + 5) = -2x + 8$ 答え _____

(9) $-2(x + 1) = 5x + 19$ 答え _____

(19) $-3(x - 2) = -4x + 7$ 答え _____

(10) $-3(x - 2) = -5x + 16$ 答え _____

(20) $2(x - 1) = 3x - 6$ 答え _____

答え _____

答え _____

一次方程式（カッコあり） No.1 [解答・解説]

(1) $x = 4$

$$\begin{aligned}4x + 12 &= 2x + 20 && \text{(カッコをはずす)} \\2x &= 8\end{aligned}$$

(2) $x = -3$

$$\begin{aligned}3x - 6 &= 5x + 0 && \text{(カッコをはずす)} \\-2x &= 6\end{aligned}$$

(3) $x = -5$

$$\begin{aligned}-2x - 4 &= -4x - 14 && \text{(カッコをはずす)} \\2x &= -10\end{aligned}$$

(4) $x = 7$

$$\begin{aligned}4x - 4 &= -4x + 52 && \text{(カッコをはずす)} \\8x &= 56\end{aligned}$$

(5) $x = -9$

$$\begin{aligned}-2x - 2 &= 4x + 52 && \text{(カッコをはずす)} \\-6x &= 54\end{aligned}$$

(6) $x = -5$

$$\begin{aligned}4x + 8 &= 5x + 13 && \text{(カッコをはずす)} \\-x &= 5\end{aligned}$$

(7) $x = -9$

$$\begin{aligned}-2x - 6 &= -4x - 24 && \text{(カッコをはずす)} \\2x &= -18\end{aligned}$$

(8) $x = -6$

$$\begin{aligned}-3x - 6 &= 0x + 12 && \text{(カッコをはずす)} \\-3x &= 18\end{aligned}$$

(9) $x = -3$

$$\begin{aligned}-2x - 2 &= 5x + 19 && \text{(カッコをはずす)} \\-7x &= 21\end{aligned}$$

(10) $x = 5$

$$\begin{aligned}-3x + 6 &= -5x + 16 && \text{(カッコをはずす)} \\2x &= 10\end{aligned}$$

(11) $x = 1$

$$\begin{aligned}4x - 12 &= 5x - 13 && \text{(カッコをはずす)} \\-x &= -1\end{aligned}$$

(12) $x = 9$

$$\begin{aligned}-3x + 3 &= 5x - 69 && \text{(カッコをはずす)} \\-8x &= -72\end{aligned}$$

(13) $x = 6$

$$\begin{aligned}-3x + 0 &= 5x - 48 && \text{(カッコをはずす)} \\-8x &= -48\end{aligned}$$

(14) $x = 1$

$$\begin{aligned}4x - 16 &= 5x - 17 && \text{(カッコをはずす)} \\-x &= -1\end{aligned}$$

(15) $x = -6$

$$\begin{aligned}-2x - 6 &= -3x - 12 && \text{(カッコをはずす)} \\x &= -6\end{aligned}$$

(16) $x = 7$

$$\begin{aligned}-3x - 3 &= 5x - 59 && \text{(カッコをはずす)} \\-8x &= -56\end{aligned}$$

(17) $x = 1$

$$\begin{aligned}-3x + 6 &= 5x - 2 && \text{(カッコをはずす)} \\-8x &= -8\end{aligned}$$

(18) $x = -2$

$$\begin{aligned}4x + 20 &= -2x + 8 && \text{(カッコをはずす)} \\6x &= -12\end{aligned}$$

(19) $x = 1$

$$\begin{aligned}-3x + 6 &= -4x + 7 && \text{(カッコをはずす)} \\x &= 1\end{aligned}$$

(20) $x = 4$

$$\begin{aligned}2x - 2 &= 3x - 6 && \text{(カッコをはずす)} \\-x &= -4\end{aligned}$$