

Simplify

- * Use distributive property to clear ()
- * combine like terms

Name _____

Block _____

Date _____

Show all steps

class

- 1) $-5x - (7x + 2)$
- 2) $4 - (9x - 3)$
- 3) $-8x - (-2x + 4)$
- 4) $-(5 + 6x) + 8$
- 5) $-4(-9 + x) + 5x$
- 6) $6x - (3x - 7) + 1$
- 7) $-9 + (2 - x) + 8x$
- 8) $(2x - 6) - (-9x - 1)$
- 9) $-(5x + 8) + 3 + 4x$
- 10) $7x - (-6 - 2x) - x$
- 11) $-9 + x + 3(-8 + 5x)$
- 12) $-(6x - 6) + (4x - 8)$
- 13) $(3x + 1) - (-3x - 7) - 9x$
- 14) $-5 + (4 - 2x) - 8x + 5$
- 15) $-(-8x - 4) + x - 7 - 3x$
- 16) $(4 - 6x) - (-4x + 5) - 6x$
- 17) $9x + 9 + 2x - 7(3 + x)$
- 18) $-1 - (-3x + 2) - 7x + 8$

$$\begin{aligned} \textcircled{1} \quad & -5x - (7x + 2) \\ & -5x + -1(7x + 2) \\ & -5x + -1(7x) + -1(2) \\ & \boxed{-5x} + \boxed{-7x} + -2 \\ & -12x + -2 \\ & \boxed{-12x - 2} \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad & 4 - (9x - 3) \\ & 4 + -1(9x - 3) \\ & 4 + -1(9x) + -1(-3) \\ & 4 + -9x + 3 \\ & 7 + -9x \\ & \boxed{-9x + 7} \end{aligned}$$