

次の方程式を解け

Date _____

Name _____

$$(1) \quad -\frac{6x+7}{6} - \frac{-5x-6}{8} = 4$$

$$(2) \quad \frac{7x+7}{4} + \frac{6x+7}{2} = -4$$

次の方程式を解け（解答）

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$$(1) \quad -\frac{6x+7}{6} - \frac{-5x-6}{8} = 4$$

$$-4(6x+7) - 3(-5x-6) = 96$$

$$-24x - 28 + 15x + 18 = 96$$

$$-24x + 15x = 96 + 28 - 18$$

$$-9x = 106$$

$$x = -106/9$$

$$(2) \quad \frac{7x+7}{4} + \frac{6x+7}{2} = -4$$

$$(7x+7) + 2(6x+7) = -16$$

$$7x + 7 + 12x + 14 = -16$$

$$7x + 12x = -16 - 7 - 14$$

$$19x = -37$$

$$x = -37/19$$

