

次の方程式を解け

Date _____

Name _____

$$(1) \quad \frac{-7x - 4}{6} + \frac{2x - 8}{3} = -2$$

$$(2) \quad \frac{4x - 3}{3} - \frac{-7x + 7}{5} = -2$$

次の方程式を解け（解答）

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$$(1) \quad \frac{-7x - 4}{6} + \frac{2x - 8}{3} = -2$$

$$(-7x - 4) + 2(2x - 8) = -12$$

$$-7x - 4 + 4x - 16 = -12$$

$$-7x + 4x = -12 + 4 + 16$$

$$-3x = 8$$

$$x = -8/3$$

$$(2) \quad \frac{4x - 3}{3} - \frac{-7x + 7}{5} = -2$$

$$5(4x - 3) - 3(-7x + 7) = -30$$

$$20x - 15 + 21x - 21 = -30$$

$$20x + 21x = -30 + 15 + 21$$

$$41x = 6$$

$$x = 6/41$$

