

次の方程式を解け

Date _____

Name _____

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

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

次の方程式を解け（解答）

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

$$-7(7x-4) + 8(2x+7) = -112$$

$$-49x + 28 + 16x + 56 = -112$$

$$-49x + 16x = -112 - 28 - 56$$

$$-33x = -196$$

$$x = 196/33$$

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

$$(2x-5) + (-4x+2) = -10$$

$$2x-5-4x+2 = -10$$

$$2x-4x = -10+5-2$$

$$-2x = -7$$

$$x = 7/2$$

