

次の方程式を解け

Date _____

Name _____

$$(1) \quad -\frac{5x-7}{4} + \frac{5x-5}{8} = 2$$

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

次の方程式を解け（解答）

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$$(1) \quad -\frac{5x-7}{4} + \frac{5x-5}{8} = 2$$

$$-2(5x-7) + (5x-5) = 16$$

$$-10x + 14 + 5x - 5 = 16$$

$$-10x + 5x = 16 - 14 + 5$$

$$-5x = 7$$

$$x = -7/5$$

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

$$3(-4x-7) - 2(-3x-8) = 12$$

$$-12x - 21 + 6x + 16 = 12$$

$$-12x + 6x = 12 + 21 - 16$$

$$-6x = 17$$

$$x = -17/6$$

