

次の方程式を解け

Date _____

Name _____

$$(1) \quad \frac{-5x+2}{4} - \frac{2x-3}{8} = 5$$

$$(2) \quad \frac{3x+2}{5} - \frac{8x+7}{4} = 5$$

次の方程式を解け（解答）

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$$(1) \quad \frac{-5x+2}{4} - \frac{2x-3}{8} = 5$$

$$2(-5x+2) - (2x-3) = 40$$

$$-10x+4-2x+3 = 40$$

$$-10x-2x = 40-4-3$$

$$-12x = 33$$

$$x = -11/4$$

$$(2) \quad \frac{3x+2}{5} - \frac{8x+7}{4} = 5$$

$$4(3x+2) - 5(8x+7) = 100$$

$$12x+8-40x-35 = 100$$

$$12x-40x = 100-8+35$$

$$-28x = 127$$

$$x = -127/28$$

