

次の方程式を解け

Date _____

Name _____

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

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

次の方程式を解け（解答）

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

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

$$-20x + 35 + 32x + 16 = 100$$

$$-20x + 32x = 100 - 35 - 16$$

$$12x = 49$$

$$x = 49/12$$

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

$$7(3x+3) - 8(-8x+3) = -168$$

$$21x + 21 + 64x - 24 = -168$$

$$21x + 64x = -168 - 21 + 24$$

$$85x = -165$$

$$x = -33/17$$

