

次の方程式を解け

Date _____

Name _____

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

$$(2) \quad -\frac{-8x+6}{7} - \frac{-4x-8}{5} = -3$$

次の方程式を解け（解答）

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

$$-5(-3x - 8) - 3(3x + 8) = 60$$

$$15x + 40 - 9x - 24 = 60$$

$$15x - 9x = 60 - 40 + 24$$

$$6x = 44$$

$$x = 22/3$$

$$(2) \quad - \frac{-8x + 6}{7} - \frac{-4x - 8}{5} = -3$$

$$-5(-8x + 6) - 7(-4x - 8) = -105$$

$$40x - 30 + 28x + 56 = -105$$

$$40x + 28x = -105 + 30 - 56$$

$$68x = -131$$

$$x = -131/68$$

