

次の方程式を解け

Date _____

Name _____

$$(1) \quad -\frac{3x+5}{4} - \frac{-7x-5}{6} = 5$$

$$(2) \quad -\frac{8x+5}{8} - \frac{-5x-7}{2} = 0$$

次の方程式を解け（解答）

Date _____

Name _____

$$(1) \quad -\frac{3x+5}{4} - \frac{-7x-5}{6} = 5$$

$$-3(3x+5) - 2(-7x-5) = 60$$

$$-9x - 15 + 14x + 10 = 60$$

$$-9x + 14x = 60 + 15 - 10$$

$$5x = 65$$

$$x = 13$$

$$(2) \quad -\frac{8x+5}{8} - \frac{-5x-7}{2} = 0$$

$$-(8x+5) - 4(-5x-7) = 0$$

$$-8x - 5 + 20x + 28 = 0$$

$$-8x + 20x = 0 + 5 - 28$$

$$12x = -23$$

$$x = -23/12$$

