

○次の方程式を解け。

1.  $9x - 7 = 8$

{  $x = \frac{5}{3}$  }

2.  $5x + 2 = 3x + 5$

{  $x = \frac{3}{2}$  }

3.  $\frac{1}{2}x + 8 = \frac{7}{3}x - 3$

{  $x = -6$  }

4.  $\frac{2}{3}x - 22 = \frac{3}{5}x - 17$

{  $x = 75$  }

5.  $\frac{6}{5}x - 12 = \frac{1}{2}x + 2$

{  $x = 20$  }

6.  $2(x - 5) = 8x$

{  $x = -\frac{5}{3}$  }

7.  $2(5x - 1) = 3(2x - 7)$

{  $x = \frac{19}{4}$  }

8.  $\frac{1}{2}(3x + 5) = \frac{1}{8}(4x - 20)$

{  $x = -5$  }

9.  $\frac{4}{3}(x - 2) = \frac{1}{6}(6x + 2)$

{  $x = 9$  }

10.  $\frac{1}{15}(-3x + 9) = -\frac{3}{10}(4x - 12)$

{  $x = 3$  }