

○次の方程式を解け。

1. $6x - 8 = 7$

{ $x = \frac{5}{2}$ }

2. $6x + 2 = 3x - 17$

{ $x = -\frac{19}{3}$ }

3. $\frac{5}{3}x + 8 = \frac{1}{2}x + 1$

{ $x = -6$ }

4. $\frac{5}{3}x - 51 = \frac{4}{5}x - 25$

{ $x = 30$ }

5. $\frac{2}{3}x - 4 = \frac{1}{2}x - 7$

{ $x = -18$ }

6. $6(2x + 5) = 5x$

{ $x = \frac{30}{7}$ }

7. $6(2x - 1) = 2(3x + 5)$

{ $x = \frac{8}{3}$ }

8. $\frac{1}{5}(x - 5) = \frac{1}{7}(x - 7)$

{ $x = 0$ }

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

{ $x = 2$ }

10. $\frac{2}{7}(-2x + 3) = -\frac{1}{3}(5x + 4)$

{ $x = -2$ }