

解答

1. 1次方程式（分母を払う・改良版）その 1

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|--------------------------|--------------------------|
| (1) $x = \frac{7}{5}$ | (2) $x = 16$ |
| (3) $x = -14$ | (4) $x = -\frac{23}{10}$ |
| (5) $x = -\frac{18}{31}$ | (6) $x = -3$ |
| (7) $x = -14$ | (8) $x = -\frac{28}{5}$ |
| (9) $x = \frac{1}{10}$ | (10) $x = -\frac{19}{9}$ |
| (11) $x = -\frac{11}{4}$ | (12) $x = -\frac{7}{2}$ |

2. 1次方程式（分母を払う・改良版）その 2

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|-------------------------|-------------------------|
| (1) $x = -\frac{18}{7}$ | (2) $x = -\frac{29}{2}$ |
| (3) $x = -3$ | (4) $x = \frac{29}{5}$ |
| (5) $x = 8$ | (6) $x = -\frac{19}{5}$ |
| (7) $x = -\frac{26}{9}$ | (8) $x = -\frac{12}{7}$ |
| (9) $x = \frac{5}{2}$ | (10) $x = -\frac{1}{2}$ |
| (11) $x = -1$ | (12) $x = -\frac{7}{2}$ |

3. 1次方程式（分母を払う・改良版）その 3

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|--------------------------|--------------------------|
| (1) $x = \frac{3}{8}$ | (2) $x = \frac{21}{4}$ |
| (3) $x = \frac{2}{25}$ | (4) $x = 11$ |
| (5) $x = -\frac{7}{3}$ | (6) $x = -\frac{15}{16}$ |
| (7) $x = \frac{3}{5}$ | (8) $x = 2$ |
| (9) $x = \frac{7}{2}$ | (10) $x = -\frac{2}{13}$ |
| (11) $x = -\frac{17}{5}$ | (12) $x = \frac{29}{6}$ |

4. 1次方程式（分母を払う・改良版）その 4

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|-------------------------|-------------------------|
| (1) $x = \frac{13}{4}$ | (2) $x = -\frac{1}{5}$ |
| (3) $x = \frac{8}{9}$ | (4) $x = -\frac{27}{5}$ |
| (5) $x = -\frac{11}{3}$ | (6) $x = -\frac{8}{5}$ |
| (7) $x = -\frac{5}{2}$ | (8) $x = -6$ |
| (9) $x = -\frac{13}{2}$ | (10) $x = \frac{4}{13}$ |
| (11) $x = -\frac{5}{7}$ | (12) $x = \frac{1}{2}$ |

5. 1次方程式（分母を払う・改良版）その 5

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|-------------------------|--------------------------|
| (1) $x = -\frac{25}{4}$ | (2) $x = \frac{2}{5}$ |
| (3) $x = 11$ | (4) $x = \frac{4}{11}$ |
| (5) $x = -\frac{1}{2}$ | (6) $x = -\frac{10}{3}$ |
| (7) $x = 19$ | (8) $x = -\frac{1}{7}$ |
| (9) $x = -\frac{7}{4}$ | (10) $x = -\frac{17}{8}$ |
| (11) $x = 7$ | (12) $x = -4$ |

6. 1次方程式（分母を払う・改良版）その 6

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|------------------------|-------------------------|
| (1) $x = \frac{3}{4}$ | (2) $x = -\frac{7}{2}$ |
| (3) $x = -1$ | (4) $x = -5$ |
| (5) $x = \frac{22}{3}$ | (6) $x = 2$ |
| (7) $x = 14$ | (8) $x = \frac{26}{17}$ |
| (9) $x = \frac{3}{2}$ | (10) $x = -1$ |
| (11) $x = \frac{4}{3}$ | (12) $x = \frac{2}{7}$ |

7. 1次方程式（分母を払う・改良版）その 7

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|--------------------------|--------------------------|
| (1) $x = -\frac{22}{7}$ | (2) $x = 8$ |
| (3) $x = 21$ | (4) $x = 13$ |
| (5) $x = \frac{11}{4}$ | (6) $x = -\frac{28}{31}$ |
| (7) $x = -\frac{22}{13}$ | (8) $x = -10$ |
| (9) $x = 2$ | (10) $x = -\frac{3}{7}$ |
| (11) $x = -5$ | (12) $x = -\frac{13}{6}$ |

8. 1次方程式（分母を払う・改良版）その 8

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|-------------------------|--------------------------|
| (1) $x = -\frac{1}{5}$ | (2) $x = \frac{19}{10}$ |
| (3) $x = \frac{13}{2}$ | (4) $x = -\frac{22}{5}$ |
| (5) $x = 29$ | (6) $x = -\frac{27}{7}$ |
| (7) $x = \frac{1}{2}$ | (8) $x = \frac{15}{8}$ |
| (9) $x = -2$ | (10) $x = -\frac{13}{4}$ |
| (11) $x = \frac{13}{2}$ | (12) $x = 15$ |

9. 1次方程式（分母を払う・改良版）その 9

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|--------------------------|--------------------------|
| (1) $x = 2$ | (2) $x = -\frac{7}{9}$ |
| (3) $x = \frac{25}{13}$ | (4) $x = -20$ |
| (5) $x = \frac{27}{23}$ | (6) $x = 14$ |
| (7) $x = -\frac{9}{14}$ | (8) $x = -\frac{27}{2}$ |
| (9) $x = -\frac{27}{14}$ | (10) $x = 2$ |
| (11) $x = -\frac{5}{8}$ | (12) $x = \frac{14}{13}$ |

10. 1次方程式（分母を払う・改良版）その 10

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|--------------------------|------------------------|
| (1) $x = -\frac{29}{33}$ | (2) $x = 4$ |
| (3) $x = \frac{1}{7}$ | (4) $x = 0$ |
| (5) $x = \frac{5}{9}$ | (6) $x = \frac{29}{2}$ |
| (7) $x = \frac{1}{2}$ | (8) $x = \frac{12}{5}$ |
| (9) $x = \frac{3}{2}$ | (10) $x = 17$ |
| (11) $x = \frac{24}{7}$ | (12) $x = -11$ |

11. 1次方程式（分母を払う・改良版）その 11

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|-------------------------|--------------------------|
| (1) $x = \frac{13}{4}$ | (2) $x = \frac{5}{2}$ |
| (3) $x = -\frac{4}{3}$ | (4) $x = \frac{19}{5}$ |
| (5) $x = 3$ | (6) $x = -\frac{28}{31}$ |
| (7) $x = -\frac{1}{11}$ | (8) $x = -\frac{7}{2}$ |
| (9) $x = 4$ | (10) $x = -\frac{17}{3}$ |
| (11) $x = \frac{12}{5}$ | (12) $x = -\frac{10}{3}$ |

12. 1次方程式（分母を払う・改良版）その 12

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|--------------------------|-------------------------|
| (1) $x = \frac{3}{2}$ | (2) $x = -1$ |
| (3) $x = 0$ | (4) $x = -12$ |
| (5) $x = \frac{20}{3}$ | (6) $x = 25$ |
| (7) $x = -\frac{11}{2}$ | (8) $x = -2$ |
| (9) $x = -11$ | (10) $x = -\frac{2}{3}$ |
| (11) $x = -\frac{14}{9}$ | (12) $x = 15$ |