

1. 1次方程式・移項（分数も）

レベル4

(1) $\frac{1}{2}x = -3$

(2) $-\frac{2}{9}x = 3$

(3) $\frac{2}{5}x = 1$

(4) $-\frac{1}{2}x = -1$

(5) $-\frac{1}{5}x = 2$

(6) $-\frac{2}{3}x = -2$

レベル5

(7) $\frac{2}{5}x = \frac{1}{2}$

(8) $\frac{1}{10}x = -\frac{2}{3}$

(9) $\frac{2}{3}x = \frac{4}{5}$

(10) $\frac{1}{2}x = \frac{4}{7}$

(11) $\frac{3}{4}x = -\frac{1}{3}$

(12) $-\frac{2}{7}x = \frac{1}{3}$

レベル6

(13) $\frac{1}{4}x - \frac{5}{4} = -\frac{3}{4}$

(14) $\frac{1}{2}x + \frac{1}{2} = \frac{5}{6}$

(15) $-\frac{2}{3}x + \frac{10}{7} = \frac{23}{21}$

(16) $\frac{6}{7}x - \frac{1}{4} = \frac{1}{4}$

(17) $-\frac{2}{5}x - \frac{3}{2} = -2$

(18) $\frac{4}{5}x + \frac{2}{7} = \frac{11}{14}$

2. 1次方程式・移項（分数も）**レベル4**

(1) $-\frac{2}{9}x = 1$

(2) $-\frac{1}{3}x = -3$

(3) $\frac{1}{4}x = 3$

(4) $\frac{1}{2}x = -2$

(5) $-\frac{2}{3}x = 2$

(6) $\frac{2}{3}x = 1$

レベル5

(7) $-\frac{3}{5}x = -\frac{1}{7}$

(8) $-\frac{1}{6}x = -\frac{1}{4}$

(9) $-\frac{1}{2}x = -\frac{2}{5}$

(10) $\frac{7}{9}x = \frac{2}{3}$

(11) $\frac{1}{4}x = \frac{1}{3}$

(12) $\frac{1}{5}x = -\frac{3}{5}$

レベル6

(13) $\frac{2}{5}x + \frac{16}{9} = \frac{22}{9}$

(14) $-\frac{1}{2}x + \frac{1}{9} = \frac{11}{18}$

(15) $\frac{1}{3}x + \frac{3}{7} = 0$

(16) $-\frac{2}{5}x - \frac{13}{11} = -\frac{37}{22}$

(17) $-\frac{1}{4}x + \frac{4}{9} = \frac{46}{63}$

(18) $-\frac{1}{8}x - \frac{1}{4} = \frac{1}{4}$

3. 1次方程式・移項（分数も）

レベル4

(1) $\frac{1}{8}x = -3$

(2) $-\frac{4}{7}x = -1$

(3) $-\frac{1}{2}x = -2$

(4) $\frac{3}{5}x = 3$

(5) $\frac{4}{5}x = 1$

(6) $\frac{1}{3}x = 2$

レベル5

(7) $-\frac{1}{4}x = \frac{1}{4}$

(8) $\frac{1}{2}x = -\frac{1}{3}$

(9) $-\frac{2}{7}x = -\frac{2}{5}$

(10) $\frac{1}{4}x = \frac{2}{3}$

(11) $\frac{1}{3}x = -\frac{1}{5}$

(12) $\frac{3}{4}x = \frac{8}{9}$

レベル6

(13) $\frac{1}{3}x - \frac{1}{2} = \frac{3}{10}$

(14) $-\frac{5}{7}x + \frac{2}{3} = \frac{26}{21}$

(15) $-\frac{1}{6}x + 1 = \frac{4}{7}$

(16) $-\frac{1}{3}x + \frac{6}{5} = \frac{9}{5}$

(17) $-\frac{2}{5}x - \frac{4}{3} = -\frac{11}{6}$

(18) $\frac{4}{9}x + \frac{1}{2} = \frac{9}{8}$

4. 1次方程式・移項（分数も）

レベル4

(1) $-\frac{1}{9}x = -2$

(2) $-\frac{1}{4}x = -1$

(3) $\frac{1}{2}x = 1$

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

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

(6) $-\frac{2}{3}x = -2$

レベル5

(7) $-\frac{2}{9}x = \frac{3}{4}$

(8) $\frac{1}{2}x = \frac{1}{2}$

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

(10) $\frac{2}{3}x = -\frac{2}{5}$

(11) $-\frac{1}{9}x = -\frac{1}{3}$

(12) $\frac{1}{2}x = \frac{8}{9}$

レベル6

(13) $\frac{2}{3}x - \frac{5}{6} = -\frac{1}{12}$

(14) $\frac{2}{7}x + \frac{2}{3} = \frac{4}{9}$

(15) $-\frac{5}{8}x - \frac{1}{3} = \frac{1}{15}$

(16) $-\frac{1}{2}x - 1 = -\frac{1}{2}$

(17) $-\frac{2}{3}x + \frac{10}{7} = \frac{13}{14}$

(18) $\frac{1}{5}x + \frac{5}{4} = \frac{29}{20}$

5. 1次方程式・移項（分数も）**レベル4**

(1) $-\frac{1}{4}x = 2$

(2) $-\frac{2}{7}x = 1$

(3) $\frac{4}{9}x = -1$

(4) $\frac{2}{5}x = -2$

(5) $-\frac{1}{10}x = 3$

(6) $\frac{1}{2}x = -3$

レベル5

(7) $-\frac{2}{5}x = \frac{1}{2}$

(8) $\frac{5}{8}x = \frac{1}{6}$

(9) $\frac{1}{5}x = \frac{4}{5}$

(10) $\frac{5}{6}x = -\frac{1}{2}$

(11) $\frac{1}{2}x = -\frac{2}{3}$

(12) $-\frac{1}{4}x = \frac{1}{3}$

レベル6

(13) $-\frac{3}{4}x - \frac{4}{5} = -\frac{3}{10}$

(14) $-\frac{4}{7}x + \frac{8}{5} = \frac{19}{15}$

(15) $-\frac{4}{9}x + 1 = \frac{5}{4}$

(16) $-\frac{2}{9}x - \frac{1}{2} = \frac{1}{4}$

(17) $-\frac{1}{3}x + \frac{5}{4} = \frac{17}{20}$

(18) $-\frac{4}{7}x - \frac{6}{5} = -\frac{23}{15}$

6. 1次方程式・移項（分数も）

レベル4

(1) $-\frac{4}{7}x = 1$

(2) $\frac{5}{8}x = -2$

(3) $\frac{1}{4}x = -1$

(4) $\frac{4}{7}x = 3$

(5) $\frac{1}{2}x = -3$

(6) $-\frac{2}{3}x = 2$

レベル5

(7) $-\frac{1}{3}x = -\frac{3}{8}$

(8) $\frac{1}{3}x = -\frac{1}{3}$

(9) $\frac{2}{3}x = \frac{2}{3}$

(10) $\frac{1}{2}x = -\frac{1}{4}$

(11) $\frac{1}{4}x = \frac{2}{5}$

(12) $-\frac{3}{5}x = -\frac{3}{4}$

レベル6

(13) $-\frac{1}{4}x - 1 = -\frac{1}{2}$

(14) $-\frac{1}{5}x + \frac{7}{4} = \frac{23}{12}$

(15) $-\frac{1}{3}x + \frac{11}{8} = \frac{15}{8}$

(16) $\frac{1}{5}x + 1 = \frac{5}{3}$

(17) $\frac{1}{2}x - \frac{5}{4} = -\frac{41}{36}$

(18) $\frac{2}{3}x + \frac{19}{11} = \frac{177}{77}$

7. 1次方程式・移項（分数も）

レベル4

(1) $-\frac{1}{10}x = -1$

(2) $\frac{1}{5}x = -2$

(3) $\frac{7}{8}x = -3$

(4) $-\frac{3}{4}x = 3$

(5) $-\frac{2}{3}x = 2$

(6) $\frac{1}{2}x = -2$

レベル5

(7) $-\frac{1}{5}x = \frac{1}{2}$

(8) $\frac{1}{2}x = \frac{1}{4}$

(9) $-\frac{1}{2}x = \frac{2}{3}$

(10) $-\frac{4}{7}x = \frac{4}{5}$

(11) $\frac{3}{5}x = -\frac{5}{8}$

(12) $-\frac{1}{6}x = \frac{2}{9}$

レベル6

(13) $-\frac{2}{9}x + \frac{3}{2} = \frac{5}{6}$

(14) $-\frac{3}{7}x - \frac{3}{2} = -\frac{4}{3}$

(15) $\frac{1}{2}x + \frac{7}{9} = \frac{4}{9}$

(16) $-\frac{1}{2}x + \frac{7}{5} = \frac{19}{10}$

(17) $-\frac{2}{5}x + \frac{6}{7} = \frac{5}{63}$

(18) $\frac{4}{5}x - \frac{2}{3} = -\frac{1}{6}$

8. 1次方程式・移項（分数も）**レベル4**

(1) $-\frac{1}{2}x = -3$

(2) $-\frac{1}{6}x = 3$

(3) $\frac{1}{4}x = 2$

(4) $\frac{1}{9}x = -1$

(5) $\frac{1}{10}x = -2$

(6) $\frac{3}{8}x = 1$

レベル5

(7) $-\frac{1}{3}x = -\frac{4}{9}$

(8) $-\frac{2}{9}x = -\frac{1}{2}$

(9) $\frac{5}{9}x = -\frac{2}{3}$

(10) $-\frac{1}{4}x = -\frac{1}{4}$

(11) $\frac{1}{9}x = \frac{1}{3}$

(12) $\frac{2}{9}x = \frac{2}{3}$

レベル6

(13) $-\frac{7}{9}x + \frac{4}{5} = \frac{13}{10}$

(14) $-\frac{1}{2}x - \frac{1}{6} = \frac{1}{6}$

(15) $\frac{1}{3}x + \frac{5}{3} = \frac{13}{6}$

(16) $\frac{1}{8}x + \frac{7}{6} = \frac{43}{42}$

(17) $-\frac{1}{3}x - \frac{1}{2} = \frac{7}{18}$

(18) $\frac{1}{5}x - \frac{4}{7} = -\frac{41}{35}$

9. 1次方程式・移項（分数も）**レベル4**

(1) $-\frac{1}{5}x = 3$

(2) $-\frac{1}{3}x = 2$

(3) $\frac{6}{7}x = -3$

(4) $\frac{2}{7}x = -1$

(5) $-\frac{3}{8}x = 3$

(6) $\frac{1}{2}x = 1$

レベル5

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

(8) $-\frac{1}{9}x = -\frac{1}{3}$

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

(10) $\frac{8}{9}x = \frac{1}{2}$

(11) $\frac{1}{2}x = -\frac{1}{2}$

(12) $-\frac{1}{3}x = \frac{8}{9}$

レベル6

(13) $-\frac{1}{4}x - \frac{4}{9} = -\frac{17}{18}$

(14) $\frac{6}{7}x - 1 = -\frac{1}{2}$

(15) $-\frac{5}{8}x + \frac{11}{6} = \frac{19}{18}$

(16) $\frac{3}{4}x + \frac{3}{2} = 2$

(17) $-\frac{4}{5}x + \frac{8}{7} = \frac{13}{7}$

(18) $-\frac{1}{5}x + 1 = \frac{3}{2}$

10. 1次方程式・移項（分数も）

レベル4

(1) $\frac{1}{9}x = 2$

(2) $\frac{1}{3}x = -1$

(3) $-\frac{2}{7}x = -2$

(4) $-\frac{2}{5}x = 1$

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

(6) $\frac{6}{7}x = 3$

レベル5

(7) $\frac{1}{4}x = \frac{2}{5}$

(8) $-\frac{1}{5}x = \frac{5}{6}$

(9) $\frac{8}{9}x = -\frac{1}{3}$

(10) $\frac{2}{3}x = -\frac{1}{4}$

(11) $-\frac{1}{4}x = -\frac{2}{5}$

(12) $-\frac{3}{7}x = \frac{2}{7}$

レベル6

(13) $\frac{1}{2}x - 1 = -\frac{7}{6}$

(14) $\frac{2}{3}x - \frac{1}{6} = \frac{23}{42}$

(15) $-\frac{1}{3}x - \frac{7}{8} = -\frac{1}{2}$

(16) $\frac{1}{4}x + \frac{1}{2} = \frac{13}{18}$

(17) $-\frac{2}{3}x - \frac{4}{3} = -\frac{5}{6}$

(18) $\frac{4}{7}x - \frac{13}{9} = -\frac{61}{36}$

11. 1次方程式・移項（分数も）

レベル4

(1) $\frac{1}{4}x = 2$

(2) $-\frac{4}{7}x = -1$

(3) $-\frac{1}{2}x = -3$

(4) $\frac{1}{2}x = 3$

(5) $-\frac{1}{5}x = -2$

(6) $\frac{3}{5}x = 2$

レベル5

(7) $\frac{7}{9}x = \frac{2}{5}$

(8) $\frac{1}{4}x = \frac{2}{3}$

(9) $\frac{1}{2}x = -\frac{1}{2}$

(10) $-\frac{3}{5}x = \frac{1}{3}$

(11) $-\frac{1}{5}x = \frac{4}{5}$

(12) $\frac{1}{8}x = \frac{1}{6}$

レベル6

(13) $\frac{1}{2}x + \frac{7}{8} = \frac{3}{8}$

(14) $-\frac{1}{3}x - \frac{1}{2} = \frac{1}{8}$

(15) $-\frac{5}{8}x + \frac{16}{9} = \frac{8}{3}$

(16) $\frac{1}{4}x + \frac{5}{3} = \frac{13}{6}$

(17) $\frac{2}{3}x - \frac{2}{3} = -\frac{26}{21}$

(18) $-\frac{1}{4}x + 1 = \frac{7}{4}$

12. 1次方程式・移項（分数も）

レベル4

(1) $\frac{1}{9}x = -1$

(2) $\frac{4}{5}x = 3$

(3) $-\frac{1}{5}x = -2$

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

(5) $-\frac{2}{9}x = -1$

(6) $\frac{3}{4}x = 3$

レベル5

(7) $-\frac{1}{3}x = -\frac{1}{2}$

(8) $\frac{1}{2}x = -\frac{1}{6}$

(9) $-\frac{2}{3}x = \frac{2}{3}$

(10) $\frac{1}{4}x = \frac{1}{2}$

(11) $-\frac{2}{9}x = \frac{1}{8}$

(12) $-\frac{1}{2}x = \frac{3}{4}$

レベル6

(13) $\frac{1}{9}x + \frac{7}{9} = \frac{23}{18}$

(14) $-\frac{1}{3}x - \frac{1}{4} = \frac{13}{28}$

(15) $\frac{1}{4}x - \frac{1}{2} = -\frac{1}{3}$

(16) $\frac{1}{2}x - \frac{1}{3} = -\frac{1}{21}$

(17) $-\frac{2}{3}x + \frac{6}{7} = \frac{29}{42}$

(18) $-\frac{3}{5}x - 1 = -\frac{1}{2}$

13. 1次方程式・移項（分数も）**レベル4**

(1) $\frac{1}{2}x = 1$

(2) $-\frac{5}{8}x = 2$

(3) $-\frac{1}{6}x = -3$

(4) $\frac{3}{7}x = 3$

(5) $-\frac{4}{7}x = -2$

(6) $-\frac{1}{3}x = 1$

レベル5

(7) $\frac{3}{8}x = \frac{1}{6}$

(8) $-\frac{1}{3}x = -\frac{1}{2}$

(9) $\frac{1}{8}x = -\frac{7}{9}$

(10) $\frac{1}{5}x = \frac{3}{8}$

(11) $-\frac{2}{7}x = -\frac{1}{6}$

(12) $-\frac{5}{7}x = \frac{2}{3}$

レベル6

(13) $\frac{2}{3}x - \frac{5}{11} = -\frac{21}{22}$

(14) $-\frac{1}{4}x + \frac{4}{3} = \frac{23}{15}$

(15) $\frac{3}{4}x - \frac{13}{8} = -\frac{5}{4}$

(16) $-\frac{3}{10}x - \frac{3}{7} = -\frac{8}{7}$

(17) $\frac{1}{4}x - \frac{4}{3} = -\frac{5}{6}$

(18) $\frac{1}{2}x + \frac{3}{5} = \frac{11}{10}$

14. 1次方程式・移項（分数も）**レベル4**

(1) $\frac{2}{3}x = 2$

(2) $-\frac{2}{3}x = 3$

(3) $\frac{1}{3}x = -1$

(4) $\frac{1}{4}x = -3$

(5) $-\frac{1}{2}x = 2$

(6) $-\frac{5}{7}x = 3$

レベル5

(7) $-\frac{2}{3}x = \frac{1}{9}$

(8) $\frac{8}{9}x = -\frac{3}{8}$

(9) $-\frac{1}{2}x = -\frac{1}{4}$

(10) $\frac{1}{2}x = -\frac{1}{5}$

(11) $\frac{1}{8}x = -\frac{5}{9}$

(12) $-\frac{3}{10}x = \frac{3}{4}$

レベル6

(13) $-\frac{2}{3}x - \frac{3}{4} = -\frac{5}{28}$

(14) $\frac{2}{7}x - \frac{2}{3} = -\frac{20}{21}$

(15) $\frac{1}{3}x - \frac{1}{4} = -\frac{3}{4}$

(16) $-\frac{2}{7}x + 1 = \frac{16}{9}$

(17) $\frac{1}{10}x + \frac{1}{4} = -\frac{3}{8}$

(18) $\frac{3}{5}x - \frac{4}{3} = -\frac{17}{9}$

15. 1次方程式・移項（分数も）**レベル4**

(1) $\frac{1}{3}x = -1$

(2) $\frac{3}{4}x = -3$

(3) $\frac{2}{5}x = 1$

(4) $-\frac{1}{3}x = 2$

(5) $\frac{3}{8}x = 3$

(6) $\frac{1}{2}x = -1$

レベル5

(7) $-\frac{3}{7}x = -\frac{2}{5}$

(8) $\frac{1}{3}x = \frac{1}{2}$

(9) $-\frac{3}{5}x = -\frac{1}{5}$

(10) $-\frac{1}{5}x = -\frac{3}{8}$

(11) $\frac{1}{4}x = \frac{1}{3}$

(12) $\frac{9}{10}x = -\frac{1}{2}$

レベル6

(13) $\frac{4}{9}x - 1 = -\frac{1}{2}$

(14) $\frac{2}{7}x + \frac{2}{3} = \frac{11}{21}$

(15) $\frac{1}{2}x + \frac{5}{3} = \frac{7}{6}$

(16) $\frac{1}{5}x + \frac{4}{3} = \frac{13}{12}$

(17) $-\frac{1}{3}x - \frac{11}{8} = -\frac{25}{24}$

(18) $-\frac{1}{5}x + \frac{9}{8} = \frac{7}{4}$

16. 1次方程式・移項（分数も）**レベル4**

(1) $\frac{8}{9}x = -2$

(2) $\frac{5}{9}x = -3$

(3) $\frac{2}{3}x = 1$

(4) $\frac{1}{2}x = -1$

(5) $-\frac{1}{3}x = -2$

(6) $\frac{4}{7}x = 2$

レベル5

(7) $-\frac{4}{9}x = \frac{3}{7}$

(8) $\frac{1}{2}x = \frac{1}{2}$

(9) $\frac{1}{3}x = -\frac{2}{9}$

(10) $-\frac{5}{7}x = \frac{1}{4}$

(11) $\frac{1}{5}x = -\frac{3}{7}$

(12) $\frac{1}{2}x = \frac{5}{6}$

レベル6

(13) $-\frac{2}{9}x - \frac{1}{3} = -\frac{5}{6}$

(14) $-\frac{3}{5}x - \frac{1}{4} = \frac{1}{12}$

(15) $\frac{5}{9}x + 1 = \frac{4}{3}$

(16) $\frac{1}{2}x + \frac{6}{11} = \frac{13}{44}$

(17) $\frac{2}{3}x + \frac{15}{11} = \frac{19}{22}$

(18) $-\frac{2}{5}x + \frac{1}{2} = \frac{9}{14}$

17. 1次方程式・移項（分数も）**レベル4**

(1) $-\frac{1}{6}x = -3$

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

(3) $-\frac{2}{7}x = 3$

(4) $-\frac{1}{10}x = 2$

(5) $-\frac{1}{3}x = -2$

(6) $\frac{8}{9}x = 1$

レベル5

(7) $\frac{3}{5}x = \frac{2}{3}$

(8) $-\frac{7}{9}x = \frac{4}{7}$

(9) $\frac{9}{10}x = -\frac{5}{7}$

(10) $-\frac{3}{7}x = \frac{3}{5}$

(11) $-\frac{1}{3}x = -\frac{5}{9}$

(12) $-\frac{2}{7}x = \frac{1}{3}$

レベル6

(13) $-\frac{1}{2}x + 1 = \frac{3}{2}$

(14) $-\frac{4}{5}x + \frac{9}{8} = \frac{19}{24}$

(15) $\frac{3}{4}x - 1 = -\frac{3}{5}$

(16) $\frac{4}{5}x + \frac{4}{5} = \frac{48}{35}$

(17) $-\frac{1}{7}x - \frac{4}{3} = -\frac{17}{15}$

(18) $\frac{2}{3}x - \frac{2}{3} = -\frac{7}{6}$

18. 1次方程式・移項（分数も）**レベル 4**

(1) $-\frac{1}{2}x = 3$

(2) $\frac{3}{4}x = 2$

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

(4) $\frac{1}{3}x = -1$

(5) $\frac{5}{7}x = 3$

(6) $-\frac{5}{9}x = 2$

レベル 5

(7) $-\frac{1}{2}x = \frac{1}{5}$

(8) $-\frac{2}{5}x = -\frac{3}{4}$

(9) $-\frac{1}{3}x = \frac{1}{2}$

(10) $-\frac{2}{7}x = \frac{1}{3}$

(11) $\frac{5}{8}x = \frac{1}{6}$

(12) $\frac{7}{9}x = -\frac{2}{5}$

レベル 6

(13) $\frac{2}{5}x - 1 = -\frac{2}{3}$

(14) $\frac{1}{3}x + 1 = \frac{3}{2}$

(15) $-\frac{3}{7}x + \frac{8}{5} = \frac{29}{15}$

(16) $\frac{1}{2}x - \frac{4}{7} = -\frac{1}{14}$

(17) $\frac{1}{8}x - \frac{3}{5} = \frac{1}{15}$

(18) $\frac{7}{8}x + 1 = \frac{5}{3}$