

解答

1. 連立方程式 4 (そろえにくい) その 1

(1) $x = \frac{2}{7}$ $y = \frac{2}{7}$	(2) $x = 16$ $y = 20$
(3) $x = \frac{7}{15}$ $y = -\frac{23}{15}$	(4) $x = -\frac{19}{10}$ $y = -\frac{1}{10}$
(5) $x = \frac{23}{11}$ $y = \frac{2}{11}$	(6) $x = \frac{17}{6}$ $y = \frac{7}{6}$
(7) $x = \frac{33}{13}$ $y = \frac{18}{13}$	(8) $x = \frac{1}{10}$ $y = \frac{9}{10}$

2. 連立方程式 4 (そろえにくい) その 2

(1) $x = -\frac{7}{5}$ $y = \frac{1}{5}$	(2) $x = -\frac{25}{14}$ $y = -\frac{13}{14}$
(3) $x = 15$ $y = 7$	(4) $x = -\frac{1}{3}$ $y = \frac{16}{3}$
(5) $x = \frac{38}{27}$ $y = \frac{7}{27}$	(6) $x = -\frac{3}{7}$ $y = -\frac{23}{7}$
(7) $x = \frac{46}{15}$ $y = -\frac{19}{15}$	(8) $x = \frac{4}{9}$ $y = \frac{11}{9}$

3. 連立方程式 4 (そろえにくい) その 3

(1) $x = -\frac{23}{15}$ $y = -\frac{7}{15}$	(2) $x = \frac{10}{3}$ $y = \frac{1}{3}$
(3) $x = 2$ $y = -1$	(4) $x = 13$ $y = -5$
(5) $x = -1$ $y = -3$	(6) $x = -5$ $y = -7$
(7) $x = \frac{21}{13}$ $y = \frac{20}{13}$	(8) $x = -\frac{5}{11}$ $y = -\frac{5}{11}$

4. 連立方程式 4 (そろえにくい) その 4

(1) $x = \frac{4}{3}$ $y = -\frac{4}{3}$	(2) $x = \frac{17}{5}$ $y = -\frac{22}{5}$
(3) $x = -\frac{25}{6}$ $y = -\frac{1}{6}$	(4) $x = \frac{29}{17}$ $y = \frac{22}{17}$
(5) $x = \frac{32}{15}$ $y = \frac{7}{15}$	(6) $x = -4$ $y = -7$
(7) $x = 16$ $y = 21$	(8) $x = \frac{3}{2}$ $y = \frac{1}{2}$

5. 連立方程式 4 (そろえにくい) その 5

(1) $x = \frac{32}{9}$ $y = -\frac{26}{9}$	(2) $x = \frac{19}{17}$ $y = -\frac{14}{17}$
(3) $x = \frac{1}{17}$ $y = \frac{13}{17}$	(4) $x = -\frac{15}{11}$ $y = \frac{1}{11}$
(5) $x = -\frac{20}{7}$ $y = \frac{4}{7}$	(6) $x = \frac{5}{11}$ $y = -\frac{13}{11}$
(7) $x = -\frac{11}{14}$ $y = \frac{15}{14}$	(8) $x = \frac{43}{15}$ $y = -\frac{29}{15}$

6. 連立方程式 4 (そろえにくい) その 6

(1) $x = -\frac{8}{21}$ $y = -\frac{23}{21}$	(2) $x = \frac{17}{7}$ $y = -\frac{11}{7}$
(3) $x = 13$ $y = 7$	(4) $x = -6$ $y = -5$
(5) $x = 2$ $y = 1$	(6) $x = -\frac{2}{3}$ $y = -\frac{1}{3}$
(7) $x = -\frac{17}{6}$ $y = \frac{25}{6}$	(8) $x = -\frac{1}{7}$ $y = \frac{20}{7}$

7. 連立方程式 4 (そろえにくい) その 7

(1) $x = -2$ $y = -2$	(2) $x = \frac{13}{8}$ $y = -\frac{23}{8}$
(3) $x = \frac{3}{7}$ $y = -\frac{4}{7}$	(4) $x = \frac{23}{17}$ $y = -\frac{12}{17}$
(5) $x = 11$ $y = 9$	(6) $x = \frac{19}{2}$ $y = -\frac{19}{2}$
(7) $x = -\frac{8}{7}$ $y = \frac{23}{7}$	(8) $x = -1$ $y = -1$

8. 連立方程式 4 (そろえにくい) その 8

(1) $x = \frac{17}{16}$ $y = \frac{27}{16}$	(2) $x = -\frac{26}{7}$ $y = -\frac{4}{7}$
(3) $x = \frac{6}{7}$ $y = -\frac{4}{7}$	(4) $x = -1$ $y = 0$
(5) $x = \frac{13}{6}$ $y = -\frac{1}{6}$	(6) $x = \frac{5}{11}$ $y = -\frac{17}{11}$
(7) $x = \frac{25}{11}$ $y = \frac{29}{11}$	(8) $x = -2$ $y = 1$

9. 連立方程式 4 (そろえにくい) その 9

(1) $x = \frac{43}{23}$ $y = \frac{11}{23}$	(2) $x = -\frac{8}{5}$ $y = -\frac{2}{5}$
(3) $x = \frac{10}{9}$ $y = \frac{1}{9}$	(4) $x = \frac{25}{27}$ $y = \frac{19}{27}$
(5) $x = \frac{5}{3}$ $y = -\frac{1}{3}$	(6) $x = -\frac{19}{16}$ $y = -\frac{25}{16}$
(7) $x = \frac{4}{5}$ $y = -\frac{2}{5}$	(8) $x = 2$ $y = 4$

10. 連立方程式 4 (そろえにくい) その 10

(1) $x = 22$ $y = 26$	(2) $x = \frac{19}{20}$ $y = \frac{23}{20}$
(3) $x = -\frac{1}{6}$ $y = -\frac{7}{6}$	(4) $x = -\frac{29}{16}$ $y = \frac{21}{16}$
(5) $x = \frac{19}{26}$ $y = \frac{5}{26}$	(6) $x = -10$ $y = -9$
(7) $x = -\frac{1}{5}$ $y = -\frac{12}{5}$	(8) $x = -9$ $y = 12$

11. 連立方程式 4 (そろえにくい) その 11

(1) $x = -\frac{17}{7}$ $y = \frac{5}{7}$	(2) $x = -7$ $y = -6$
(3) $x = -\frac{11}{13}$ $y = -\frac{6}{13}$	(4) $x = \frac{35}{19}$ $y = -\frac{5}{19}$
(5) $x = \frac{20}{19}$ $y = \frac{23}{19}$	(6) $x = -2$ $y = 1$
(7) $x = -\frac{8}{7}$ $y = \frac{4}{7}$	(8) $x = -\frac{3}{5}$ $y = \frac{14}{5}$

12. 連立方程式 4 (そろえにくい) その 12

(1) $x = -\frac{13}{17}$ $y = \frac{29}{17}$	(2) $x = -2$ $y = -1$
(3) $x = 1$ $y = 1$	(4) $x = \frac{38}{25}$ $y = \frac{17}{25}$
(5) $x = -\frac{11}{3}$ $y = -\frac{17}{3}$	(6) $x = -\frac{22}{5}$ $y = \frac{2}{5}$
(7) $x = -\frac{26}{17}$ $y = \frac{6}{17}$	(8) $x = -\frac{3}{2}$ $y = \frac{9}{2}$

13. 連立方程式 4 (そろえにくい) その 13

(1) $x = -\frac{25}{2}$ $y = -\frac{21}{2}$	(2) $x = \frac{3}{8}$ $y = -\frac{23}{8}$
(3) $x = -\frac{4}{7}$ $y = \frac{3}{7}$	(4) $x = \frac{11}{26}$ $y = -\frac{17}{26}$
(5) $x = -1$ $y = -5$	(6) $x = \frac{17}{7}$ $y = \frac{8}{7}$
(7) $x = \frac{5}{2}$ $y = -\frac{1}{2}$	(8) $x = \frac{38}{7}$ $y = -\frac{29}{7}$

14. 連立方程式 4 (そろえにくい) その 14

(1) $x = \frac{5}{7}$ $y = \frac{12}{7}$	(2) $x = \frac{11}{26}$ $y = \frac{27}{26}$
(3) $x = \frac{1}{21}$ $y = -\frac{8}{21}$	(4) $x = -\frac{26}{17}$ $y = \frac{22}{17}$
(5) $x = 1$ $y = -2$	(6) $x = -1$ $y = -2$
(7) $x = \frac{2}{11}$ $y = \frac{9}{11}$	(8) $x = \frac{37}{9}$ $y = -\frac{13}{9}$

15. 連立方程式 4 (そろえにくい) その 15

(1) $x = 2$ $y = -2$	(2) $x = -\frac{9}{4}$ $y = \frac{1}{4}$
(3) $x = -\frac{3}{2}$ $y = -\frac{1}{2}$	(4) $x = -\frac{5}{13}$ $y = \frac{12}{13}$
(5) $x = \frac{1}{4}$ $y = \frac{9}{4}$	(6) $x = \frac{19}{17}$ $y = -\frac{20}{17}$
(7) $x = \frac{43}{29}$ $y = \frac{23}{29}$	(8) $x = \frac{23}{12}$ $y = \frac{13}{12}$

16. 連立方程式 4 (そろえにくい) その 16

(1) $x = 13$ $y = 5$	(2) $x = \frac{49}{26}$ $y = -\frac{1}{26}$
(3) $x = \frac{23}{18}$ $y = \frac{19}{18}$	(4) $x = \frac{29}{17}$ $y = \frac{4}{17}$
(5) $x = -\frac{3}{4}$ $y = \frac{9}{4}$	(6) $x = \frac{19}{6}$ $y = \frac{11}{6}$
(7) $x = 4$ $y = 2$	(8) $x = -\frac{9}{7}$ $y = -\frac{4}{7}$

17. 連立方程式 4 (そろえにくい) その 17

(1) $x = \frac{38}{9}$ $y = \frac{4}{9}$	(2) $x = -2$ $y = -5$
(3) $x = \frac{3}{19}$ $y = \frac{23}{19}$	(4) $x = -\frac{3}{2}$ $y = \frac{1}{2}$
(5) $x = \frac{3}{26}$ $y = \frac{7}{26}$	(6) $x = \frac{42}{17}$ $y = -\frac{19}{17}$
(7) $x = -29$ $y = 26$	(8) $x = \frac{1}{7}$ $y = -\frac{13}{7}$

18. 連立方程式 4 (そろえにくい) その 18

(1) $x = -10$ $y = 18$	(2) $x = \frac{16}{27}$ $y = \frac{29}{27}$
(3) $x = \frac{39}{11}$ $y = \frac{1}{11}$	(4) $x = 0$ $y = -2$
(5) $x = 1$ $y = -4$	(6) $x = \frac{49}{22}$ $y = -\frac{23}{22}$
(7) $x = -\frac{1}{3}$ $y = \frac{7}{3}$	(8) $x = \frac{35}{8}$ $y = \frac{29}{8}$