

文字式足し算引き算・発展 01-1

(点) (分 秒)

1. 次の計算をなさい。(1問4点)

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

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

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

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

(5) $-\frac{4}{9}c - \frac{8}{9}c =$

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

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

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

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

(10) $-\frac{3}{7} - \frac{3}{7}b + \frac{12}{7} + \frac{6}{7}b =$

(11) $\frac{1}{6} - \frac{11}{6} + \frac{11}{6}a + \frac{7}{6}a =$

(12) $-\frac{8}{9}y - \frac{1}{9}y + \frac{2}{9} + \frac{1}{9} =$

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

2. 次の計算をなさい。(1問4点)

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

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

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

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

(5) $\frac{-2y+2}{9} + \frac{5y-5}{9} =$

(6) $\frac{3y-1}{10} + \frac{-9y+1}{10} =$

3. 次の計算をなさい。(1問4点)

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

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

(3) $\frac{7c+7}{8} - \frac{5c+7}{8} =$

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

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

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

文字式足し算引き算・発展 01-1

(点) (分 秒)

1. 次の計算をしなさい。(1問4点)

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

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

$$(3) -\frac{1}{9}x - \frac{7}{9}x = -\frac{8}{9}x$$

$$(4) -\frac{6}{5}x - \frac{3}{5}x = -\frac{9}{5}x$$

$$(5) -\frac{4}{9}c - \frac{8}{9}c = -\frac{4}{3}c$$

$$(6) -\frac{7}{8}a - \frac{3}{8}a = -\frac{5}{4}a$$

$$(7) \frac{11}{6}x - \frac{7}{6}x = \frac{2}{3}x$$

$$(8) \frac{3}{10}a - \frac{7}{10}a = -\frac{2}{5}a$$

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

$$(10) -\frac{3}{7} - \frac{3}{7}b + \frac{12}{7} + \frac{6}{7}b = \frac{3}{7}b + \frac{9}{7}$$

$$(11) \frac{1}{6} - \frac{11}{6} + \frac{11}{6}a + \frac{7}{6}a = 3a - \frac{5}{3}$$

$$(12) -\frac{8}{9}y - \frac{1}{9}y + \frac{2}{9} + \frac{1}{9} = -y + \frac{1}{3}$$

$$(13) \frac{7}{2}x + \frac{1}{2} + \frac{1}{2}x + \frac{5}{2} = 4x + 3$$

2. 次の計算をしなさい。(1問4点)

$$(1) \frac{-5a+5}{2} + \frac{5a+7}{2} = 6$$

$$(2) \frac{7x+3}{8} + \frac{-7x+5}{8} = 1$$

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

$$(4) \frac{-7z-3}{2} + \frac{-5z+1}{2} = -6z - 1$$

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

$$(6) \frac{3y-1}{10} + \frac{-9y+1}{10} = \frac{-3y}{5}$$

3. 次の計算をしなさい。(1問4点)

$$(1) \frac{-3z-7}{5} - \frac{-6z+1}{5} = \frac{3z-8}{5}$$

$$(2) \frac{-7x+7}{8} - \frac{7x+3}{8} = \frac{-7x+2}{4}$$

$$(3) \frac{7c+7}{8} - \frac{5c+7}{8} = \frac{c}{4}$$

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

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

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

文字式足し算引き算・発展 01-2

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1. 次の計算をしなさい。(1問4点)

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

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

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

$$(4) \frac{5}{9}c - \frac{2}{9}c =$$

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

$$(6) -\frac{3}{7}z - \frac{13}{7}z =$$

$$(7) \frac{7}{2}x + \frac{7}{2}x =$$

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

$$(9) -\frac{2}{9}a + \frac{4}{9}a =$$

$$(10) \frac{7}{5} - \frac{9}{5} + \frac{1}{5}x - \frac{8}{5}x =$$

$$(11) -\frac{6}{5}c - \frac{4}{5}c + \frac{6}{5} + \frac{6}{5} =$$

$$(12) \frac{7}{3}b + \frac{1}{3} - \frac{4}{3}b + \frac{4}{3} =$$

$$(13) \frac{3}{10}b - \frac{1}{10} - \frac{9}{10}b - \frac{3}{10} =$$

2. 次の計算をしなさい。(1問4点)

$$(1) \frac{4b+8}{9} + \frac{-5b+2}{9} =$$

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

$$(3) \frac{2c-2}{3} + \frac{-7c+4}{3} =$$

$$(4) \frac{10z+8}{7} + \frac{11z+9}{7} =$$

$$(5) \frac{-10b-6}{7} + \frac{-11b-11}{7} =$$

$$(6) \frac{y-7}{8} + \frac{3y+3}{8} =$$

3. 次の計算をしなさい。(1問4点)

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

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

$$(3) \frac{6z+3}{5} - \frac{2z-6}{5} =$$

$$(4) \frac{-5z+1}{4} - \frac{5z+5}{4} =$$

$$(5) \frac{-7y+7}{6} - \frac{7y+7}{6} =$$

$$(6) \frac{9y-9}{5} - \frac{-4y+4}{5} =$$

文字式足し算引き算・発展 01-2

(点) (分 秒)

1. 次の計算をしなさい。(1問4点)

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|---|---|--|
| (1) $-\frac{7}{10}x + \frac{1}{10}x = -\frac{3}{5}x$ | (2) $\frac{3}{2}z - \frac{5}{2}z = -z$ | (3) $\frac{7}{9}y - \frac{1}{9}y = \frac{2}{3}y$ |
| (4) $\frac{5}{9}c - \frac{2}{9}c = \frac{1}{3}c$ | (5) $-\frac{3}{2}x - \frac{5}{2}x = -4x$ | (6) $-\frac{3}{7}z - \frac{13}{7}z = -\frac{16}{7}z$ |
| (7) $\frac{7}{2}x + \frac{7}{2}x = 7x$ | (8) $-\frac{5}{2}c + \frac{1}{2}c = -2c$ | (9) $-\frac{2}{9}a + \frac{4}{9}a = \frac{2}{9}a$ |
| (10) $\frac{7}{5} - \frac{9}{5} + \frac{1}{5}x - \frac{8}{5}x =$
$-\frac{7}{5}x - \frac{2}{5}$ | (11) $-\frac{6}{5}c - \frac{4}{5}c + \frac{6}{5} + \frac{6}{5} =$
$-2c + \frac{12}{5}$ | |
| (12) $\frac{7}{3}b + \frac{1}{3} - \frac{4}{3}b + \frac{4}{3} =$
$b + \frac{5}{3}$ | (13) $\frac{3}{10}b - \frac{1}{10} - \frac{9}{10}b - \frac{3}{10} =$
$-\frac{3}{5}b - \frac{2}{5}$ | |

2. 次の計算をしなさい。(1問4点)

- | | |
|---|---|
| (1) $\frac{4b+8}{9} + \frac{-5b+2}{9} =$
$\frac{-b+10}{9}$ | (2) $\frac{-2x-4}{9} + \frac{8x+4}{9} =$
$\frac{2x}{3}$ |
| (3) $\frac{2c-2}{3} + \frac{-7c+4}{3} =$
$\frac{-5c+2}{3}$ | (4) $\frac{10z+8}{7} + \frac{11z+9}{7} =$
$\frac{21z+17}{7}$ |
| (5) $\frac{-10b-6}{7} + \frac{-11b-11}{7} =$
$\frac{-21b-17}{7}$ | (6) $\frac{y-7}{8} + \frac{3y+3}{8} =$
$\frac{y-1}{2}$ |

3. 次の計算をしなさい。(1問4点)

- | | |
|---|--|
| (1) $\frac{-4c-5}{9} - \frac{-5c-5}{9} =$
$\frac{c}{9}$ | (2) $\frac{-6x-5}{7} - \frac{3x-1}{7} =$
$\frac{-9x-4}{7}$ |
| (3) $\frac{6z+3}{5} - \frac{2z-6}{5} =$
$\frac{4z+9}{5}$ | (4) $\frac{-5z+1}{4} - \frac{5z+5}{4} =$
$\frac{-5z-2}{2}$ |
| (5) $\frac{-7y+7}{6} - \frac{7y+7}{6} =$
$\frac{-7y}{3}$ | (6) $\frac{9y-9}{5} - \frac{-4y+4}{5} =$
$\frac{13y-13}{5}$ |

文字式足し算引き算・発展 01-3

(点) (分 秒)

1. 次の計算をなさい。(1問4点)

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

$$(2) \frac{11}{6}b - \frac{11}{6}b =$$

$$(3) \frac{11}{6}x + \frac{5}{6}x =$$

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

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

$$(6) \frac{5}{3}a + \frac{1}{3}a =$$

$$(7) \frac{5}{4}a + \frac{3}{4}a =$$

$$(8) -\frac{11}{6}y - \frac{5}{6}y =$$

$$(9) -\frac{4}{9}c - \frac{4}{9}c =$$

$$(10) \frac{9}{7}b - \frac{8}{7}b + \frac{9}{7} - \frac{8}{7} =$$

$$(11) \frac{3}{4} - \frac{7}{4}y + \frac{3}{4} + \frac{5}{4}y =$$

$$(12) \frac{7}{4} + \frac{3}{4} + \frac{1}{4}b + \frac{3}{4}b =$$

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

2. 次の計算をなさい。(1問4点)

$$(1) \frac{5z-5}{6} + \frac{-7z+1}{6} =$$

$$(2) \frac{7x+1}{9} + \frac{8x-2}{9} =$$

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

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

$$(5) \frac{3y+7}{4} + \frac{7y+1}{4} =$$

$$(6) \frac{9c-1}{10} + \frac{-c-1}{10} =$$

3. 次の計算をなさい。(1問4点)

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

$$(2) \frac{4x-8}{9} - \frac{-4x-2}{9} =$$

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

$$(4) \frac{-y-3}{8} - \frac{-y+5}{8} =$$

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

$$(6) \frac{a-1}{5} - \frac{-7a+9}{5} =$$

1. 次の計算をなさい。(1問4点)

$$\begin{array}{lll}
 (1) -\frac{1}{10}a - \frac{1}{10}a = -\frac{1}{5}a & (2) \frac{11}{6}b - \frac{11}{6}b = 0 & (3) \frac{11}{6}x + \frac{5}{6}x = \frac{8}{3}x \\
 (4) \frac{1}{5}x + \frac{3}{5}x = \frac{4}{5}x & (5) -\frac{5}{3}x + \frac{4}{3}x = -\frac{1}{3}x & (6) \frac{5}{3}a + \frac{1}{3}a = 2a \\
 (7) \frac{5}{4}a + \frac{3}{4}a = 2a & (8) -\frac{11}{6}y - \frac{5}{6}y = -\frac{8}{3}y & (9) -\frac{4}{9}c - \frac{4}{9}c = -\frac{8}{9}c \\
 (10) \frac{9}{7}b - \frac{8}{7}b + \frac{9}{7} - \frac{8}{7} = & (11) \frac{3}{4} - \frac{7}{4}y + \frac{3}{4} + \frac{5}{4}y = & \\
 \frac{1}{7}b + \frac{1}{7} & -\frac{1}{2}y + \frac{3}{2} & \\
 (12) \frac{7}{4} + \frac{3}{4} + \frac{1}{4}b + \frac{3}{4}b = & (13) \frac{8}{3} + \frac{2}{3}x - \frac{2}{3} + \frac{2}{3}x = & \\
 b + \frac{5}{2} & \frac{4}{3}x + 2 &
 \end{array}$$

2. 次の計算をなさい。(1問4点)

$$\begin{array}{ll}
 (1) \frac{5z-5}{6} + \frac{-7z+1}{6} = & (2) \frac{7x+1}{9} + \frac{8x-2}{9} = \\
 \frac{-z-2}{3} & \frac{15x-1}{9} \\
 (3) \frac{3x+7}{2} + \frac{3x+7}{2} = & (4) \frac{x-3}{4} + \frac{x-1}{4} = \\
 3x+7 & \frac{x-2}{2} \\
 (5) \frac{3y+7}{4} + \frac{7y+1}{4} = & (6) \frac{9c-1}{10} + \frac{-c-1}{10} = \\
 \frac{5y+4}{2} & \frac{4c-1}{5}
 \end{array}$$

3. 次の計算をなさい。(1問4点)

$$\begin{array}{ll}
 (1) \frac{-2y+1}{7} - \frac{4y+4}{7} = & (2) \frac{4x-8}{9} - \frac{-4x-2}{9} = \\
 \frac{-6y-3}{7} & \frac{8x-6}{9} \\
 (3) \frac{3x+7}{8} - \frac{-x-3}{8} = & (4) \frac{-y-3}{8} - \frac{-y+5}{8} = \\
 \frac{2x+5}{4} & -1 \\
 (5) \frac{-7b-3}{2} - \frac{7b-7}{2} = & (6) \frac{a-1}{5} - \frac{-7a+9}{5} = \\
 -7b+2 & \frac{8a-10}{5}
 \end{array}$$

文字式足し算引き算・発展 01-4

(点) (分 秒)

1. 次の計算をなさい。(1問4点)

$$(1) \frac{4}{7}b - \frac{13}{7}b =$$

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

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

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

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

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

$$(7) \frac{5}{8}y + \frac{1}{8}y =$$

$$(8) -\frac{1}{9}z + \frac{4}{9}z =$$

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

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

$$(11) \frac{7}{10}y + \frac{7}{10}y - \frac{7}{10} - \frac{1}{10} =$$

$$(12) \frac{7}{6} - \frac{11}{6} - \frac{1}{6}x + \frac{11}{6}x =$$

$$(13) \frac{13}{7}x - \frac{12}{7}x - \frac{2}{7} + \frac{3}{7} =$$

2. 次の計算をなさい。(1問4点)

$$(1) \frac{-9y-7}{10} + \frac{9y-1}{10} =$$

$$(2) \frac{-11b-7}{6} + \frac{-7b+11}{6} =$$

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

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

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

$$(6) \frac{8z+5}{3} + \frac{-8z+5}{3} =$$

3. 次の計算をなさい。(1問4点)

$$(1) \frac{-9x-1}{10} - \frac{9x+7}{10} =$$

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

$$(3) \frac{7y+7}{10} - \frac{y+9}{10} =$$

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

$$(5) \frac{-9x+7}{10} - \frac{-9x-1}{10} =$$

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

1. 次の計算をなさい。(1問4点)

$$(1) \frac{4}{7}b - \frac{13}{7}b = -\frac{9}{7}b$$

$$(2) \frac{3}{7}x + \frac{12}{7}x = \frac{15}{7}x$$

$$(3) -\frac{7}{10}x + \frac{9}{10}x = \frac{1}{5}x$$

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

$$(5) -\frac{1}{9}x + \frac{1}{9}x = 0$$

$$(6) -\frac{5}{8}x - \frac{5}{8}x = -\frac{5}{4}x$$

$$(7) \frac{5}{8}y + \frac{1}{8}y = \frac{3}{4}y$$

$$(8) -\frac{1}{9}z + \frac{4}{9}z = \frac{1}{3}z$$

$$(9) -\frac{7}{3}x - \frac{4}{3}x = -\frac{11}{3}x$$

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

$$(11) \frac{7}{10}y + \frac{7}{10}y - \frac{7}{10} - \frac{1}{10} = \frac{7}{5}y - \frac{4}{5}$$

$$(12) \frac{7}{6} - \frac{11}{6} - \frac{1}{6}x + \frac{11}{6}x = \frac{5}{3}x - \frac{2}{3}$$

$$(13) \frac{13}{7}x - \frac{12}{7}x - \frac{2}{7} + \frac{3}{7} = \frac{1}{7}x + \frac{1}{7}$$

2. 次の計算をなさい。(1問4点)

$$(1) \frac{-9y-7}{10} + \frac{9y-1}{10} = \frac{-4}{5}$$

$$(2) \frac{-11b-7}{6} + \frac{-7b+11}{6} = \frac{-9b+2}{3}$$

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

$$(4) \frac{-2x+4}{9} + \frac{-5x+1}{9} = \frac{-7x+5}{9}$$

$$(5) \frac{8x-2}{5} + \frac{-2x-4}{5} = \frac{6x-6}{5}$$

$$(6) \frac{8z+5}{3} + \frac{-8z+5}{3} = \frac{10}{3}$$

3. 次の計算をなさい。(1問4点)

$$(1) \frac{-9x-1}{10} - \frac{9x+7}{10} = \frac{-9x-4}{5}$$

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

$$(3) \frac{7y+7}{10} - \frac{y+9}{10} = \frac{3y-1}{5}$$

$$(4) \frac{7a-4}{9} - \frac{a+8}{9} = \frac{2a-4}{3}$$

$$(5) \frac{-9x+7}{10} - \frac{-9x-1}{10} = \frac{4}{5}$$

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

文字式足し算引き算・発展 01-5

(点) (分 秒)

1. 次の計算をなさい。(1問4点)

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

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

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

$$(4) \frac{1}{5}y - \frac{6}{5}y =$$

$$(5) \frac{3}{8}c + \frac{5}{8}c =$$

$$(6) \frac{5}{8}x + \frac{7}{8}x =$$

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

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

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

$$(10) \frac{7}{9}x + \frac{2}{9} + \frac{2}{9}x + \frac{5}{9} =$$

$$(11) \frac{5}{8}x - \frac{5}{8} - \frac{7}{8}x - \frac{7}{8} =$$

$$(12) \frac{7}{6}x + \frac{5}{6} - \frac{11}{6}x + \frac{11}{6} =$$

$$(13) \frac{1}{8}b - \frac{5}{8} + \frac{3}{8}b - \frac{5}{8} =$$

2. 次の計算をなさい。(1問4点)

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

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

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

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

$$(5) \frac{z+4}{3} + \frac{4z+4}{3} =$$

$$(6) \frac{11z+11}{6} + \frac{z-11}{6} =$$

3. 次の計算をなさい。(1問4点)

$$(1) \frac{-8c+5}{7} - \frac{-8c+9}{7} =$$

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

$$(3) \frac{-7y-1}{9} - \frac{-8y+5}{9} =$$

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

$$(5) \frac{11b-4}{7} - \frac{-8b+2}{7} =$$

$$(6) \frac{x+11}{6} - \frac{5x+7}{6} =$$

文字式足し算引き算・発展 01-5

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1. 次の計算をなさい。(1問4点)

$$(1) -\frac{7}{6}x + \frac{11}{6}x = \frac{2}{3}x$$

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

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

$$(4) \frac{1}{5}y - \frac{6}{5}y = -y$$

$$(5) \frac{3}{8}c + \frac{5}{8}c = c$$

$$(6) \frac{5}{8}x + \frac{7}{8}x = \frac{3}{2}x$$

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

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

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

$$(10) \frac{7}{9}x + \frac{2}{9} + \frac{2}{9}x + \frac{5}{9} = x + \frac{7}{9}$$

$$(11) \frac{5}{8}x - \frac{5}{8} - \frac{7}{8}x - \frac{7}{8} = -\frac{1}{4}x - \frac{3}{2}$$

$$(12) \frac{7}{6}x + \frac{5}{6} - \frac{11}{6}x + \frac{11}{6} = -\frac{2}{3}x + \frac{8}{3}$$

$$(13) \frac{1}{8}b - \frac{5}{8} + \frac{3}{8}b - \frac{5}{8} = \frac{1}{2}b - \frac{5}{4}$$

2. 次の計算をなさい。(1問4点)

$$(1) \frac{2x-4}{3} + \frac{-2x-7}{3} = \frac{-11}{3}$$

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

$$(3) \frac{5z+7}{2} + \frac{-3z+5}{2} = z + 6$$

$$(4) \frac{9x-1}{10} + \frac{-3x+1}{10} = \frac{3x}{5}$$

$$(5) \frac{z+4}{3} + \frac{4z+4}{3} = \frac{5z+8}{3}$$

$$(6) \frac{11z+11}{6} + \frac{z-11}{6} = 2z$$

3. 次の計算をなさい。(1問4点)

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

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

$$(3) \frac{-7y-1}{9} - \frac{-8y+5}{9} = \frac{y-6}{9}$$

$$(4) \frac{-4x+4}{9} - \frac{-5x+7}{9} = \frac{x-3}{9}$$

$$(5) \frac{11b-4}{7} - \frac{-8b+2}{7} = \frac{19b-6}{7}$$

$$(6) \frac{x+11}{6} - \frac{5x+7}{6} = \frac{-2x+2}{3}$$