

これができればまあまあだ！ 計算復習シリーズ(中1内容) vol.①

名前 _____

／合格点は-2 (-3以下は追試)

1 (1) $5 - (-9)$ (2) $3 - 5 + 7$ (3) $-4 + (8 - 20)$

(4) $3 + 2 \times (-4)$ (5) $3 \times 4 - (-2)$ (6) $-7 + (-6)^2 \div 9$

(7) $\frac{3}{4} \times \left(-\frac{2}{9}\right) + \frac{2}{3}$ (8) $\frac{5}{2} - \left(-\frac{3}{2}\right) \div \frac{3}{4}$ (9) $\left(-\frac{1}{2}\right)^2 \div \left(-\frac{1}{14}\right) + \frac{1}{2}$

2 (1) $5a - (9a + 4)$ (2) $3(x - 2) - 5x + 7$ (3) $7a - 4 + 2(1 - a)$

(4) $2(a + 3) - (a - 1)$ (5) $2(a - 1) + 3(a + 2)$ (6) $3(x - 3) - 5(x - 2)$

(7) $\frac{x+1}{3} + \frac{x-1}{2}$ (8) $\frac{1}{4}(x+1) + \frac{1}{8}(5x-4)$ (9) $\frac{2a+1}{3} - \frac{a-1}{2}$

3 次の方程式を解きなさい。

(1) $6x - 5 = 13$ (2) $6x + 13 = x - 2$ (3) $3x - 2 = -3x + 4$

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

(7) $\frac{1-2x}{5} = \frac{2-x}{3}$ (8) $\frac{x-1}{2} + \frac{x}{3} = 1$ (9) $2 - \frac{2}{3}x = \frac{1}{2}x - 5$

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これができればまあまあだ！ 計算復習シリーズ(中1内容) vol.②

名前 _____

／合格点は-2 (-3以下は追試)

- | | | |
|--|---|--|
| 1 (1) $(-7)+(-10)$ | (2) $8+(-17)$ | (3) $(-11)-(-9)$ |
| [] | [] | [] |
| (4) $(+35)-(+16)$ | (5) $(-20)+43$ | (6) $(-46)-(-30)$ |
| [] | [] | [] |
| (7) $13 \times (-4)$ | (8) $(-24) \times \left(-\frac{7}{8}\right)$ | (9) $\left(-\frac{9}{7}\right) \times \frac{14}{15}$ |
| [] | [] | [] |
| (10) $(-32) \div (-8)$ | (11) $\frac{5}{4} \div (-20)$ | (12) $\left(-\frac{7}{6}\right) \div \left(-\frac{14}{9}\right)$ |
| [] | [] | [] |
| (13) $-6+11-8+4$ | (14) $9+(-21)-(-8)-3$ | |
| [] | [] | [] |
| (15) $(-2)^3 \times (-10) \div (-4^2)$ | (16) $\left(-\frac{2}{3}\right)^2 \div 12 \times \left(-\frac{3}{4}\right)$ | |
| [] | [] | [] |
| 2 (1) $7a-6-4a+9$ | (2) $0.4x-1-1.3x+0.8$ | |
| [] | [] | [] |
| (3) $(4m-3)+(6m+5)$ | (4) $(-11x+8)+(9x-15)$ | |
| [] | [] | [] |
| (5) $(5y-21)-(7y-16)$ | (6) $(8a-15)-(17a-14)$ | |
| [] | [] | [] |
| (7) $3(x-6)+4(x+3)$ | (8) $5(y-2)-6(y-3)$ | |
| [] | [] | [] |
| (9) $-4(3a-2)+5(2a-3)$ | (10) $6(3-2x)-9(4-x)$ | |
| [] | [] | [] |
| (11) $\frac{2x-1}{3} + \frac{3x+4}{6}$ | (12) $\frac{3a+5}{8} - \frac{5a+7}{12}$ | |
| [] | [] | [] |

これができればまあまあだ！ 計算復習シリーズ(中1内容) vol.③

名前 _____

／合格点は-2 (-3以下は追試)

1 小数をふくむ方程式 次の方程式を解きなさい。

(1) $0.6x - 0.7 = 0.5$

{ _____ }

(2) $0.8x + 1.3 = -0.3$

{ _____ }

(3) $0.5x + 1.7 = 0.3x + 1.3$

{ _____ }

(4) $0.9x - 0.5 = 2.8 - 0.2x$

{ _____ }

(5) $0.08x + 0.1 = 0.2x - 0.5$

{ _____ }

(6) $0.04 - 0.15x = -0.07x + 1.32$

{ _____ }

(7) $0.2(x - 15) = 0.5x$

{ _____ }

(8) $1.4(2 - x) + 1.6 = x - 0.4$

{ _____ }

(9) $0.16(3x - 8) = 0.13x - 0.23$

{ _____ }

(10) $0.05(3x + 10) = 2.3 - 0.15x$

{ _____ }

2 分数をふくむ方程式 次の方程式を解きなさい。

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

{ _____ }

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

{ _____ }

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

{ _____ }

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

{ _____ }

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

{ _____ }

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

{ _____ }

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

{ _____ }

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

{ _____ }

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

{ _____ }

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

{ _____ }

これができればまあまあだ！ 計算復習シリーズ(中2内容) vol.④

名前 _____

／合格点は-2 (-3以下は追試)

- 1**
- | | | |
|--------------------------|--|--|
| (1) $10 - (-3)$ | (2) $-6 + 0 - 7$ | (3) $-9 - 8 + 16 + 13$ |
| [] | [] | [] |
| (4) $4 \times (-5)$ | (5) $\left(-\frac{2}{3}\right) \times \left(-\frac{1}{4}\right)$ | (6) $42 \div (-6)$ |
| [] | [] | [] |
| (7) $(-9^2) \div 3$ | (8) $8 \times (-9) \div (-6)$ | (9) $-\frac{5}{6} \div \frac{1}{3} \div \frac{5}{2}$ |
| [] | [] | [] |
| (10) $6 - 6 \times (-2)$ | (11) $7 - (-1)^3 - 2$ | (12) $\{(-8) + (-7)\} \div 5 + 3$ |
| [] | [] | [] |

- 2**
- | | | |
|---------------------------------|---|---|
| (1) $-2x + 5x$ | (2) $8x - 8y + 4x$ | (3) $(4x - 9) - (3x + 7)$ |
| [] | [] | [] |
| (4) $\frac{2}{9}a \times (-12)$ | (5) $4xy \div (-2x)$ | (6) $(30a - 10b) \div 10$ |
| [] | [] | [] |
| (7) $x^3 \times x^3$ | (8) $-\frac{ab}{2} \div \frac{b}{4} \div (-2a)$ | (9) $4xy^3 \div (-x)^2 \times \frac{1}{6}x$ |
| [] | [] | [] |
| (10) $3(4x + 6) + 5(x - 3)$ | (11) $\frac{1}{4}(x + 2) - (2x - 6)$ | (12) $\frac{3x + y}{3} - \frac{x - 5y}{6}$ |
| [] | [] | [] |

3 次の方程式を解きなさい。

- | | | |
|---|--|---|
| (1) $5x + 1 = 3x - 7$ | (2) $11x - 2 = 6x - 7$ | (3) $x - 2(2x - 8) = 22$ |
| [] | [] | [] |
| (4) $\frac{2}{3}x - 1 = \frac{1}{6}x + 2$ | (5) $0.6(x + 2) = 9$ | (6) $\frac{3x + 1}{4} = \frac{2x - 1}{3}$ |
| [] | [] | [] |
| (7) $\begin{cases} x - 3y = -2 \\ 4x + 3y = 22 \end{cases}$ | (8) $\begin{cases} x = 2y - 5 \\ 3x + 8y = -1 \end{cases}$ | (9) $\begin{cases} 2x - 8y = 18 \\ 4x + 2y = 18 \end{cases}$ |
| [] | [] | [] |
| (10) $\begin{cases} 0.1x - 0.5y = 2.8 \\ \frac{1}{4}x + y = -2 \end{cases}$ | (11) $\begin{cases} 2x - (5 + y) = 4 \\ 0.8x - 1.5y = 0.3 \end{cases}$ | (12) $\begin{cases} \frac{x}{5} + \frac{y}{3} = \frac{3}{5} \\ \frac{x}{3} + \frac{y}{2} = \frac{5}{6} \end{cases}$ |
| [] | [] | [] |

これができればまあまあだ！ 計算復習シリーズ(中2内容) vol.⑤

名前 _____

／合格点は-2 (-3以下は追試)

- 1** (1) $5+(-4)$ (2) $-8-(-1)$ (3) $\frac{5}{6}-\frac{3}{4}-\frac{1}{2}$
- (4) $(-6)\times(-6)$ (5) $(-84)\div 7$ (6) $-9\div(-\frac{3}{5})$
- (7) $-5^2\times(-2)$ (8) $(-0.2)\times 6\div(-4)$ (9) $3-18\div 3$
- (10) $12\times(\frac{1}{3}+\frac{1}{6})$ (11) $8\times(1-7)\div(-2)$ (12) $(-2)^3\times(-\frac{1}{2})^2-2$

- 2** (1) $x-\frac{5}{3}x$ (2) $5x-(2-6x)$ (3) $\begin{array}{r} 5x^2+2x \\ -) x^2-3x \end{array}$
- (4) $(9x-15)\times\frac{1}{3}$ (5) $2x\times 7xy$ (6) $-8x^3\div(-4x)$
- (7) $6x^3y^2\div\frac{2}{3}x^2$ (8) $\frac{1}{6}ab^2\times(-2a^3)\div\frac{1}{4}a^2b$ (9) $6(\frac{1}{2}x+4)+8(\frac{1}{2}x-\frac{5}{4})$
- (10) $4(a-3b-1)-3(2a-4b+1)$ (11) $\frac{5x+2y}{6}-\frac{3x-6y}{4}$

3 次の方程式を解きなさい。

- (1) $3x+8=9$ (2) $x-6=7x+18$ (3) $2(x+5)=3(2x-6)$
- (4) $0.02x+1.4=0.1x+1$ (5) $\frac{1}{3}x+1=5(x+3)$ (6) $1-\frac{x-4}{2}=\frac{x+2}{6}$
- (7) $\begin{cases} 3x-2y=-12 \\ 3x-y=-15 \end{cases}$ (8) $\begin{cases} y=2x-8 \\ y=x+4 \end{cases}$ (9) $\begin{cases} 6x-5y=21 \\ 9x+4y=-3 \end{cases}$
- (10) $\begin{cases} 0.2x+0.7y=6 \\ \frac{x}{5}-\frac{y}{5}=-3 \end{cases}$ (11) $\begin{cases} y=-x+\frac{4}{3} \\ 6x-y-1=0 \end{cases}$ (12) $\begin{cases} \frac{2x-y}{3}=-1 \\ 3x-(2x-y)=9 \end{cases}$