

中1数学 小テスト NO. 30

氏名

1. 次の計算をなさい。(各2点)

(1) $-a - a$

(2) $5x - 1 + 9 - 5x - 2$

(3) $2a + 6 + (4a - 3)$

(4) $(-3x + 7) - (4 - 3x)$

(5) $12(3x + 5)$

(6) $\frac{-3x-5}{2} \times (-8)$

(7) $(36x - 45) \div 9$

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

2. 次の中から一次式を全て答えなさい。(4点)

① $8a + bc$

② $\frac{x}{9} + y + z$

③ $3c$

④ $10a^3$

類題 ※1ミスにつき2問以上 丸付けもして提出すること!!

1(1)→P55.3 (2)→P56.5 (3)(4)→P57 (5)(6)(7)→P58 (8)→P59.17

2→P55.2

P55

- 1 (1) $7a$ (係數...7), -5
 (2) $8x$ (係數...8), xy (係數...1)
 (3) $5a^2$ (係數...5), $2ab$ (係數...2),
 $-\frac{b^2}{3}$ (係數... $-\frac{1}{3}$)
- 2 ①○ ②× ③○ ④× ⑤○ ⑥○
- 3 (1) $12x$ (2) $4y$ (3) $12a$ (4) $-5a$ (5) $-3x$
 (6) $7y$ (7) $7x$ (8) $-y$ (9) $-9a$ (10) $-10x$
 (11) 0 (12) $16y$

P56

- 4 (1) $2x$ (2) $-a$ (3) $3x$ (4) $-4y$
- 5 (1) $18a+6$ (2) $-2x+2$ (3) $x+5$ (4) -6
 (5) $12a-5$ (6) $17x+49$ (7) $7b+7$ (8) $5y+4$
 (9) $-3m+2$ (10) $4p+24$
- 6 (1) $1.2a+0.8$ (2) $-0.1x+0.2$ (3) $1.8y-1.5$
 (4) $-\frac{1}{4}a-7$ (5) $-\frac{5}{6}x-1$ (6) $-\frac{5}{12}m+\frac{1}{6}$

P57

- 7 (1) $5a+7$ (2) $7a+5$ (3) $9x+3$ (4) $3y-6$
 (5) $-2a+7$ (6) 11
- 8 (1) $3a+2$ (2) $3a+6$ (3) $10x+3$ (4) $11b-9$
 (5) 7 (6) $-26x+26$ (7) $15x-3$ (8) $-3y-13$
- 9 (1) $0.8a+0.2$ (2) $0.7x+0.4$ (3) $0.9x-1$
 (4) $\frac{3}{5}x-2$ (5) $-\frac{1}{6}a+10$ (6) $-\frac{7}{18}y+\frac{5}{12}$
- 10 (1) $-6x-9$ (2) $3a+13$ (3) $-7x+1$

P58

- 11 (1) $6a+15$ (2) $12a-8$ (3) $24a+18$
 (4) $-2x-3$ (5) $-9x+12$ (6) $4a+16$
 (7) $-30x-12$ (8) $-9y-63$ (9) $15m-24$
- 12 (1) $2x-2$ (2) $6x+9$ (3) $-2x+10$ (4) $6x+2$
 (5) $20x-16$ (6) $-10y-25$
- 13 (1) $2a+5$ (2) $-6x+3$ (3) $\frac{2}{3}x-\frac{5}{3}$
- 14 (1) $6a-9$ (2) $-4a+\frac{2}{3}$ (3) $a-5$ (4) $-6a+\frac{3}{2}$
 (5) $9x-10$ (6) $20x+6$ (7) $-\frac{1}{3}a-4$
 (8) $-\frac{9}{8}x+27$ (9) $2x+\frac{18}{7}$