

中1 第1回目授業 「正負の数・文字式の基礎の確認」解答

1. (1) 11 (2) -9 (3) -7 (4) 1 (5) 1 (6) -9 (7) -6 (8) -3
(9) 4 (10) -18 (11) $\frac{5}{56}$ (12) $-\frac{13}{20}$ (13) $-\frac{4}{3}$ (14) $-\frac{61}{12}$ (15) $-\frac{287}{18}$
2. (1) -8 (2) 81 (3) -9 (4) $\frac{16}{9}$ (5) -900 (6) $\frac{5}{4}$ (7) $\frac{44}{15}$
(8) $-\frac{4}{25}$ (9) 128 (10) $-\frac{2}{243}$
3. (1) -2 (2) -10 (3) 12 (4) 1 (5) 10 (6) -14 (7) 14 (8) 3 (9) 5
4. -2
5. ②+2 ④-1 ⑤-5 最高地点C -最低地点D = 5m
6. (1) $\frac{5xy}{z} - \frac{8xy}{3}$ (2) $-ab - \frac{acd}{b}$ (3) $-a + 2x + 3y^2$ (4) $-\frac{xy}{2z} - \frac{a}{b-c}$
(5) $\frac{ab}{p+q} - \frac{(p-q)^2}{c}$ (6) $\frac{b}{a(x+y)} - \frac{p}{mn} + 6q$ (7) $\frac{ac}{bd}$ (8) $\frac{a}{bcd}$
(9) $\frac{acd}{b}$ (10) $\frac{ac}{bd}$
7. (1) $-6a$ (2) $-x^2 - 9xy + 3y^2$ (3) $-3a - 5$ (4) $x - 4y$
(5) $-24x^2 + 24y^2 + 10xy$ (6) $-11x + 18y$ (7) $-14x + 10y - 8$
(8) $-45a + 22b$ (9) $-12x - 33$
8. (1) $\frac{-x+5y}{6}$ (2) $\frac{-3x-4y+4}{6}$ (3) $\frac{34x-11y+15}{15}$ (4) $\frac{7a-16b}{8}$
9. (1) $-3x + 10$ (2) $6x - 4y$ (3) $2x - 140y$
10. (1)① -1 ② 1 (2)① $\frac{23}{6}$ ② $-\frac{21}{4}$ (3)① -22 ② -3
11. (1) $5x - 2y$ (2) $5x - 13y$