

3 年生 1 学期中間テスト R6.5.21

|   |                                      |                         |          |
|---|--------------------------------------|-------------------------|----------|
| 1 | (1) $x = -7$                         | (2) $x = 6$             |          |
| 2 | (1) $x = -\frac{10}{3}$              | (2) $y = -\frac{16}{x}$ |          |
|   | (3) $a = 7$                          | $b = 16$                |          |
| 3 | ① $2n+2$                             | ② $4n^2+8n+4$           | ③ $2n+1$ |
| 4 | (1) $\frac{3}{5}$                    | (2) $\frac{7}{8}$       |          |
| 5 | (1) $-8x^2+4xy-12x$                  | (2) $-3x+1$             |          |
|   | (3) $xy+3x+2y+6$                     | (4) $2x^2-11x+12$       |          |
|   | (5) $49-14y+y^2$                     | (6) $64x^2-25y^2$       |          |
|   | (7) $16x+41$                         | (8) $x^2-4xy+4y^2-49$   |          |
| 6 | (1) $5b(a-2b)$                       | (2) $(x+5)(x+6)$        |          |
|   | (3) $(x-5)(x+14)$                    | (4) $(x-2)^2$           |          |
|   | (5) $(a+\frac{1}{4})(a-\frac{1}{4})$ | (6) $-2a(b+4)(b-6)$     |          |
|   | (7) $x(x-13)$                        | (8) $(a+1)(b+a-1)$      |          |
| 7 | (1) (i) $4.8$ 冊                      | (ii) イ                  |          |
|   | (2) ① イ ② 了                          | ③ 了 ④ ウ                 |          |
| 8 | (1) $\frac{1}{12}$                   | (2) 7                   | (3) 23   |
|   | (4) 15                               | (5) $-9x^2y+18xy$       | (6) $ab$ |

3 年 \_\_\_\_\_ 組 \_\_\_\_\_ 番 名前 \_\_\_\_\_