

1 解答

- [問 1] (1) -1
(2) -1
(3) $\begin{cases} -1 & n \text{ が } 3 \text{ の倍数ではないとき} \\ 2 & n \text{ が } 3 \text{ の倍数のとき} \end{cases}$

[問 2] $-1 \left(x = \frac{1}{3}\right)$

[問 3] (証明略)

2 解答

[問 1] $s = \frac{1}{2}, t = \frac{1}{2}$

[問 2] $2p^2$

[問 3] $(1, 1, 0)$

[問 4] $36 (p = 6, q = 3)$

3 解答

[問 1] $f(1) = 1, f(2) = 1, f(3) = 2$

- [問 2] (1) 4
(2) $101110_{(2)}$

[問 3] $13_{(10)}$

[問 4] (証明略)

4 解答

[問 1] (証明略)

[問 2] (証明略)

[問 3] (証明略)