Binary
$$z^{n-1}$$
... $z^3 z^2 z^2 z^3 z^2$

Octal 8^{n-1} ... $8^3 8^2 8^3 8^0$

weight: $8^3 8^2 8^3 8^0$

Dight: $2 3 7 4$

Sum of weights

= $(2 \times 8) + (3 \times 8^2) + (7 \times 8) + (4 \times 8)$

= $(2 \times 512) + (3 \times 64) + (7 \times 8) + (4 \times 1)$

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$$a. |3_8 = 001011_2$$

