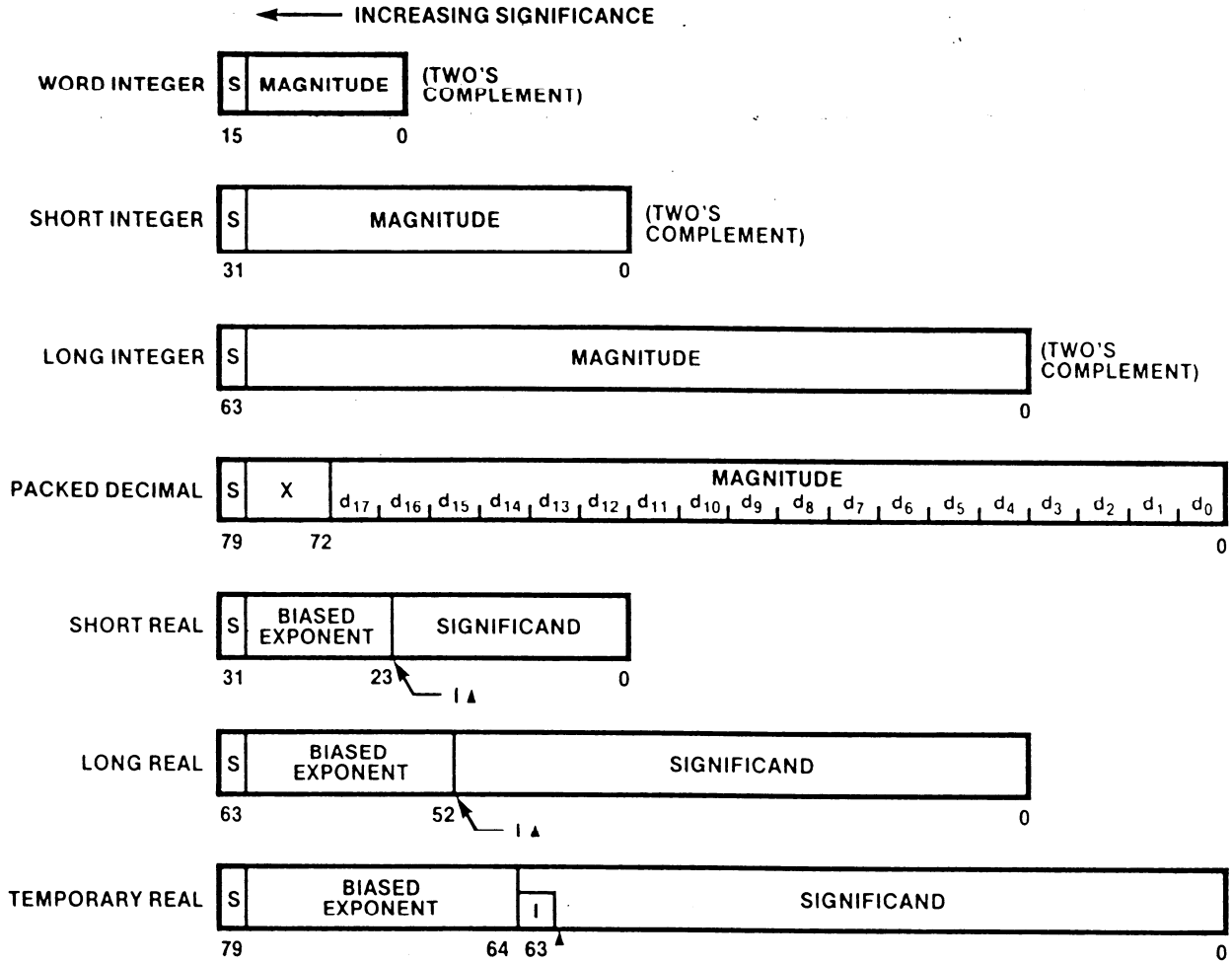


# 8087 NUMERIC DATA PROCESSOR



**NOTES:**

S = Sign bit (0 = positive, 1 = negative)

$d_n$  = Decimal digit (two per byte)

X = Bits have no significance; 8087 ignores when loading, zeros when storing.

▲ = Position of implicit binary point

I = Integer bit of significand; stored in temporary real, implicit in short and long real

Exponent Bias (normalized values):

Short Real: 127 (7FH)

Long Real: 1023 (3FFH)

Temporary Real: 16383 (3FFFH)