Bits	Data type	MIPS name	VAX name
8	Integer	Byte	Byte
16	Integer	Half word	Word
32	Integer	Word	Long word
32	Floating point	Single precision	F_floating
64	Integer	Double word	Quad word
64	Floating point	Double precision	D_floating or G_floating
8n	Character string	Character	Character

FIGURE E.49 VAX data types, their lengths, and names. The first letter of the VAX type (b, w, l, f, q, d, g, c) is often used to complete an instruction name. Examples of move instructions include movb, movw, movl, movf, movq, movd, movg, and movc3. Each move instruction transfers an operand of the data type indicated by the letter following mov.