

00011101 10100010 00111011 01100111

(a) Integer 497,171,303 in binary positional representation

	<i>loc. i</i>	<i>loc. i+1</i>	<i>loc. i+2</i>	<i>loc. i+3</i>	
...	01100111	00111011	10100010	00011101	...

(b) The integer stored in little endian order

	<i>loc. i</i>	<i>loc. i+1</i>	<i>loc. i+2</i>	<i>loc. i+3</i>	
...	00011101	10100010	00111011	01100111	...

(c) The integer stored in big endian order

**Figure 3.8** (a) Integer 497,171,303 expressed as a 32-bit binary value, with spaces used to mark groups of eight bits, (b) the integer stored in successive memory locations using little endian order, and (c) the integer stored in successive memory locations using big endian order.