```
    1001  (9)
   ×0011  (3)
00001001  1001 × 2^0
00010010  1001 × 2^1
00011011  (27)
```

(a) Unsigned integers

```
    1001  (-7)
   ×0011  (3)
11111001  (-7) × 2^0 = (-7)
11110010  (-7) × 2^1 = (-14)
11101011  (-21)
```

(b) Twos complement integers

**Figure 8.11 Comparison of Multiplication of Unsigned and Twos Complement Integers**