**Number**

**Unit 2 Line Master 2a**

Patterns in Integer Addition

1. Complete the tables.
 You can use models to help you add.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Number | Operation | Number | Result |  | Number | Operation | Number | Result |
| 3 | + | 3 |  |  | −3 | + | 3 |  |
| 3 | + | 2 |  |  | −3 | + | 2 |  |
| 3 | + | 1 |  |  | −3 | + | 1 |  |
| 3 | + | 0 |  |  | −3 | + | 0 |  |
| 3 | + | −1 |  |  | −3 | + | −1 |  |
| 3 | + | −2 |  |  | −3 | + | −2 |  |
| 3 | + | −3 |  |  | −3 | + | −3 |  |

**Number**

**Unit 2 Line Master 2b**

Patterns in Integer Addition (cont’d)

2. What patterns do you notice in the results?
 How does adding a negative relate to what you know
 about subtracting positive numbers?

3. Based on the patterns you noticed, describe some strategies
 you can use when adding integers.

**Number**

**Unit 2 Line Master 2c**

Patterns in Integer Addition (cont’d)

4. Use the strategies you described to complete these sums.

 a) 6 + (–4) b) 4 + (–7)

 c) (–5) + 5 d) (–5) + (–2)