**Number**

**Unit 2 Line Master 7a**

Choosing a Common Denominator

Mikala shared this solution to a fraction calculation.

|  |  |  |
| --- | --- | --- |
| 2+ − − | = | 2× + × − × − × |
|  | = | 2+ − − |
|  | = | 2+ |
|  | = | 2 |

1. Is Mikala’s solution correct? If it is, explain how you know.   
 If not, explain where Mikala made a mistake.

**Number**

**Unit 2 Line Master 7b**

Choosing a Common Denominator

2. Kaari solved the same question and got an answer of 2.   
 Explain how you know that Kaari’s and Mikala’s answers   
 are the same.

3. Suggest a smaller common denominator that Mikala could   
 have used in their solution. What strategy could Mikala use   
 to determine this smaller value?