## Lesson 9: Working with Signed Numbers

* Let’s work with signed numbers.

### 9.1: Sorting Expressions

Sort these into two groups, so that the expressions in each group all have the same value.

### 9.2: Expanded Form

For each expression given in factored form, write two equivalent expressions in expanded form. If you get stuck, draw a diagram to represent the product. Some blank diagrams are provided—draw additional diagrams as needed.

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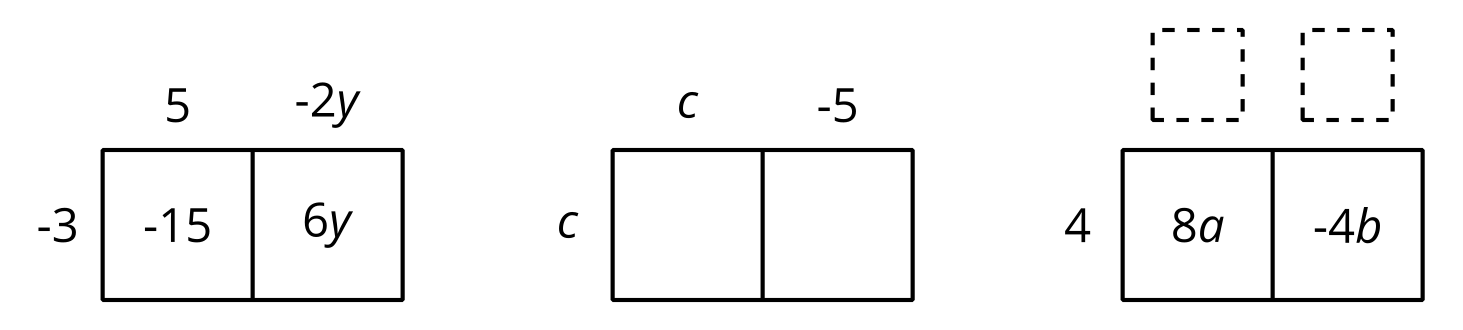
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### 9.3: Factoring and Expanding

In each row, write the equivalent expression. If you get stuck, use a diagram to organize your work. The first row is provided as an example. Diagrams are provided for the first three rows.



| factored | expanded |
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