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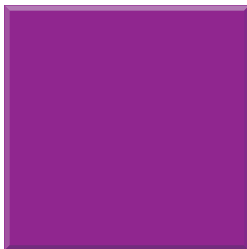
Students will explore basic mathematics concepts and principles.

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Section Two:

Students will explore algebraic concepts through area.

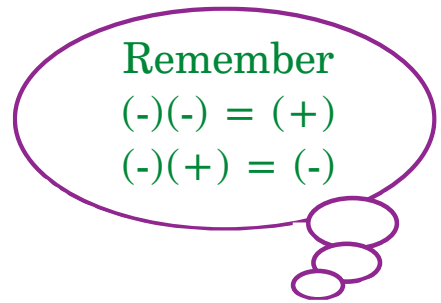
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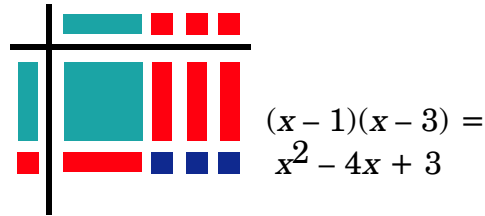
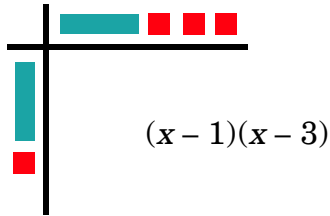


Multiplying Binomials

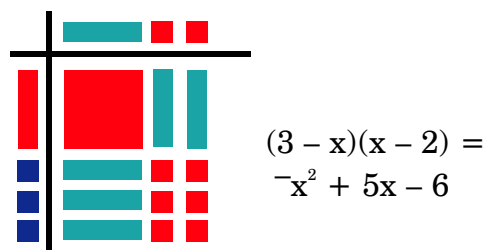
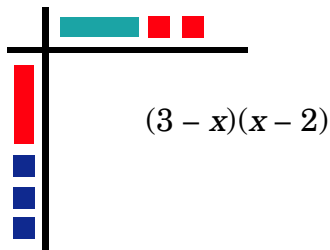
To multiply binomials when both include a negative integer, use the Quadrant or Multiplication Mat.



Example:



Example:



Use **Algebra Models™** and the Quadrant or Multiplication Mat to multiply the following:

1. $(x + 2)(x - 3)$
2. $(2y - 1)(y - 2)$
3. $(x - 1)(x - 1)$
4. $(x - 2)(x + 2)$
5. $(2x - 5)(x - 1)$
6. $(3 - y)(2 - y)$
7. $(x - 2)(y - 3)$
8. $(2x - 3)(3x - 1)$
9. $(y - 2x)(y - x)$
10. $(x - 1)(4 - x)$