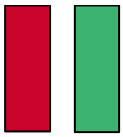
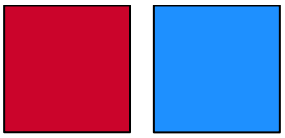
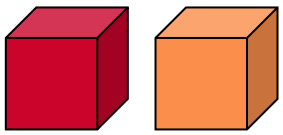
POLYNOMIALS AND ALGEBRA TILES

Reference Key

-1 & 1	$-x$ & x	$-x^2$ & x^2	$-x^3$ & x^3
			

Note: *All red algebra tiles represent negative terms. A zero pair is a positive and negative pair.*

Adding Polynomials

Build each polynomial separately. ***What is the most efficient way to summarize how many blocks of each kind you have all together?***

$(3x^3 + 2x^2 - x - 3)$ and $(-x^3 - 5x^2 + 5)$

Answer: _____

Reflect: Describe how you thought through the problem from start to finish. (Verbalize your thought process on working through the problem.)

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	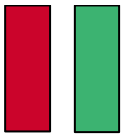	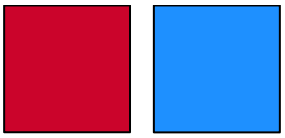	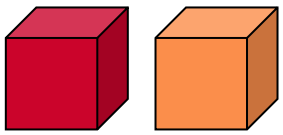

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Subtracting Polynomials

Build $(5x^3 - 3x^2 + 2x + 6)$ and take away $(-2x^3 + 2x^2 - x + 2)$.

How many do you have left?

Answer: _____

Reflect: Describe how you thought through the problem from start to finish. (Verbalize your thought process on working through the problem.)