

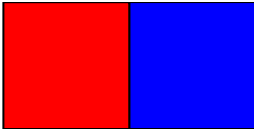
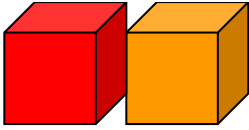


POLYNOMIALS AND ALGEBRA TILES

Reference Key

$-1 \text{ \& } 1$	$-x \text{ \& } x$	$-x^2 \text{ \& } x^2$	$-x^3 \text{ \& } x^3$
			

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?*



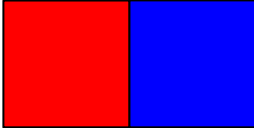
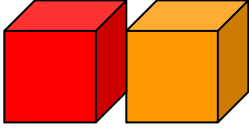
$(3x^3 + 2x^2 - x - 3)$ and $(-x^3 - 5x^2 + 5)$

Answer: _____

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

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.

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.)