Math 100/HP42-47 Division problems with algebra tiles
Burger

Draw an algebra tile diagram to model the following rational expression computations (use colored pens or pencils to indicate + or - tiles):

42. $\dfrac{2x^2 - 3x - 2}{x - 2}$

43. $\dfrac{6x^2 - x - 1}{3x + 1}$

44. $\dfrac{2x^2 + x - 6}{x + 2}$

45. $\dfrac{3x^2-4x+1}{x-1}$

46. $\dfrac{6x^2+17x-3}{2x-3}$

47. $\dfrac{4x^2-4x+1}{2x-1}$