

Warm Up

$ \begin{array}{cc} & 3x & -2 \\ 4x & 12x^2 & -8x \\ 7 & 21x & -14 \\ \hline & 12x^2 - 168x - 14 \end{array} $	What operation was incorrectly used?	Your turn. <table style="margin-left: auto; margin-right: auto;"> <tr> <td></td> <td>$5x$</td> <td>-4</td> </tr> <tr> <td>$2x$</td> <td></td> <td></td> </tr> <tr> <td>6</td> <td></td> <td></td> </tr> </table>		$5x$	-4	$2x$			6		
	$5x$	-4									
$2x$											
6											

$ \begin{array}{l} (7x + 3)(5x^2 - 8x + 6) \\ \hline 35x^2 - 56x^2 + 42x + 15x^2 - 24x + 18 \\ -6x^2 + 18x + 18 \end{array} $ X	What is the mistake?
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How many sheets on the smaller roll of toilet paper?

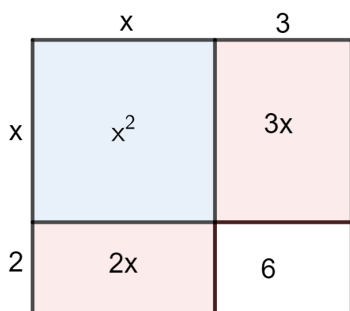
Too Low	Official Guess	Too High

Based on the Free Chance...

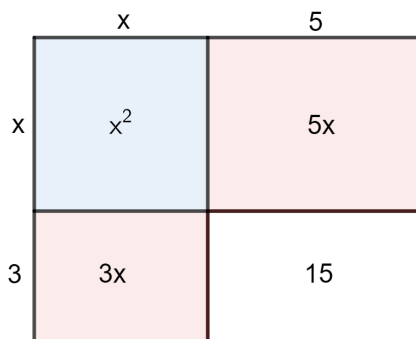
$$(4x^2 - 7x + 5)(3x + 2)$$

$$(3x^2 + 2x - 6)(4x - 5)$$

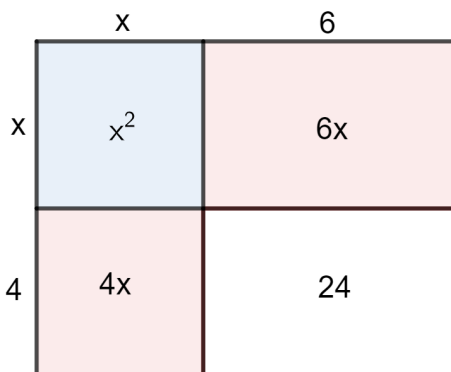
Fill in the blank boxes for each area model.



$$(x + 3)(x + 2) = \boxed{x^2} + \boxed{2x} + \boxed{6}$$



$$(x + 5)(x + 3) = \boxed{x^2} + \boxed{8x} + \boxed{15}$$



$$(x + 6)(x + 4) = \boxed{x^2} + \boxed{10x} + \boxed{24}$$



$$(x + 8)(x + 2) = \boxed{x^2} + \boxed{10x} + \boxed{16}$$