

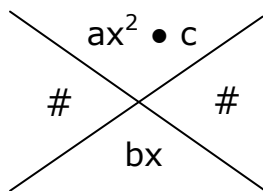
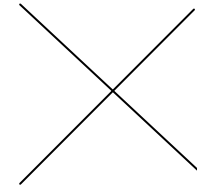
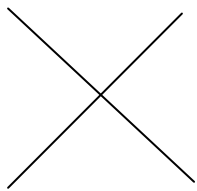
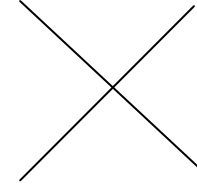
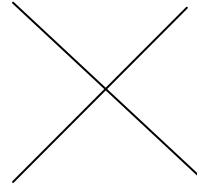
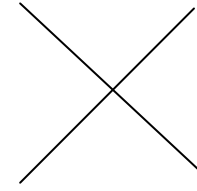
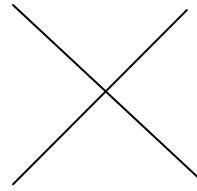
Diamond Problems

Factoring Complex Quadratics ($a \neq 1$)

Name: _____

Date: _____

Section: _____

Main Ideas	Notes																
<p style="text-align: center;">$ax^2 + bx + c$</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  </div> <table border="1" style="border-collapse: collapse; text-align: center;"> <tr> <td style="padding: 5px;">ax^2</td> <td style="padding: 5px;">#</td> </tr> <tr> <td style="padding: 5px;">#</td> <td style="padding: 5px;">c</td> </tr> </table> </div>	ax^2	#	#	c													
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#	c																
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<p>You Do:</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>1)</p> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 20px;">  <table border="1" style="border-collapse: collapse; text-align: center;"> <tr> <td style="width: 50px; height: 50px;"></td> <td style="width: 50px; height: 50px;"></td> </tr> <tr> <td style="width: 50px; height: 50px;"></td> <td style="width: 50px; height: 50px;"></td> </tr> </table> </div> </div> <div style="width: 48%;"> <p>2)</p> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 20px;">  <table border="1" style="border-collapse: collapse; text-align: center;"> <tr> <td style="width: 50px; height: 50px;"></td> <td style="width: 50px; height: 50px;"></td> </tr> <tr> <td style="width: 50px; height: 50px;"></td> <td style="width: 50px; height: 50px;"></td> </tr> </table> </div> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 48%;"> <p>3)</p> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 20px;">  <table border="1" style="border-collapse: collapse; text-align: center;"> <tr> <td style="width: 50px; height: 50px;"></td> <td style="width: 50px; height: 50px;"></td> </tr> <tr> <td style="width: 50px; height: 50px;"></td> <td style="width: 50px; height: 50px;"></td> </tr> </table> </div> </div> <div style="width: 48%;"> <p>4)</p> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 20px;">  <table border="1" style="border-collapse: collapse; text-align: center;"> <tr> <td style="width: 50px; height: 50px;"></td> <td style="width: 50px; height: 50px;"></td> </tr> <tr> <td style="width: 50px; height: 50px;"></td> <td style="width: 50px; height: 50px;"></td> </tr> </table> </div> </div> </div>																	