

## Task Analysis for 2 Digit by 2 Digit Multiplication

<u>Strategies</u>	<u>Skills Required</u>
<ul style="list-style-type: none"> <li>• Multiply 1s column</li> </ul>	<ul style="list-style-type: none"> <li>• Knowledge of place value</li> <li>• How to multiply 1 digit numbers</li> </ul>
<ul style="list-style-type: none"> <li>• Bring down the 1s digit part of the answer</li> </ul>	<ul style="list-style-type: none"> <li>• Knowledge of place value</li> <li>• Where to write answers to vertically written math problems</li> </ul>
<ul style="list-style-type: none"> <li>• Carry the 10's digit part of the answer</li> </ul>	<ul style="list-style-type: none"> <li>• Knowledge of place value</li> <li>• How to carry numbers</li> </ul>
<ul style="list-style-type: none"> <li>• Multiply across, the bottom 1's digit to the top 10's digit</li> </ul>	<ul style="list-style-type: none"> <li>• Knowledge of place value</li> <li>• How to multiply 1 digit numbers</li> </ul>
<ul style="list-style-type: none"> <li>• To that answer add the number that you carried and write that down</li> </ul>	<ul style="list-style-type: none"> <li>• How to add</li> <li>• Where to write answers to vertically written math problems</li> </ul>
<ul style="list-style-type: none"> <li>• Under that answer write a 0 in the 1s column</li> </ul>	<ul style="list-style-type: none"> <li>• Knowledge of place value</li> </ul>
<ul style="list-style-type: none"> <li>• Multiply the bottom 10's digit to the top 1's digit</li> </ul>	<ul style="list-style-type: none"> <li>• Knowledge of place value</li> <li>• How to multiply</li> </ul>
<ul style="list-style-type: none"> <li>• Bring down the 1s digit part of the answer put it in the 10s column</li> </ul>	<ul style="list-style-type: none"> <li>• Knowledge of place value</li> <li>• Where to write answers to vertically written math problems</li> </ul>
<ul style="list-style-type: none"> <li>• Carry the 10s digit part of the answer</li> </ul>	<ul style="list-style-type: none"> <li>• Knowledge of place value</li> <li>• How to carry numbers</li> </ul>
<ul style="list-style-type: none"> <li>• Multiply the 10's digit column</li> </ul>	<ul style="list-style-type: none"> <li>• Knowledge of place value</li> <li>• How to multiply</li> </ul>
<ul style="list-style-type: none"> <li>• To that answer add the number that you carried and write that down</li> </ul>	<ul style="list-style-type: none"> <li>• How to add</li> <li>• Where to write answers to vertically written math problems</li> </ul>
<ul style="list-style-type: none"> <li>• Add your two answers; the number that you get is the ANSWER</li> </ul>	<ul style="list-style-type: none"> <li>• How to add</li> </ul>
<ul style="list-style-type: none"> <li>• Write it down</li> </ul>	<ul style="list-style-type: none"> <li>• Where to write answers to vertically written math problems</li> </ul>