

Name _____

LOTS& BASIC MATH PRACTICE

Division Strategy- Discovering the Long Division Algorithm

Directions: Solve the division problems using the algorithm “Long Division.” As you complete each step, mark off the letters D, M, S, and B.

Division Problem	Show your Work!	Division Problem	Show your Work!	Division Problem	Show your Work!																																																						
<table border="1" style="margin-bottom: 10px;"> <tr><td>D</td><td>D</td></tr> <tr><td>M</td><td>M</td></tr> <tr><td>S</td><td>S</td></tr> <tr><td>B</td><td>B</td></tr> </table> $3 \overline{)84}$	D	D	M	M	S	S	B	B	<table border="1" style="margin-bottom: 10px;"> <tr><td>2</td><td>8</td></tr> </table> $3 \overline{)84}$ $- 6$ <hr style="border: 1px solid red;"/> <table border="1" style="margin-bottom: 10px;"> <tr><td>2</td><td>4</td></tr> </table> $- 24$ <hr style="border: 1px solid red;"/> <table border="1" style="margin-bottom: 10px;"> <tr><td>0</td></tr> </table>	2	8	2	4	0	<table border="1" style="margin-bottom: 10px;"> <tr><td>D</td><td>D</td></tr> <tr><td>M</td><td>M</td></tr> <tr><td>S</td><td>S</td></tr> <tr><td>B</td><td>B</td></tr> </table> $2 \overline{)74}$	D	D	M	M	S	S	B	B	<table border="1" style="margin-bottom: 10px;"> <tr><td> </td><td> </td></tr> </table> $2 \overline{)74}$ <table border="1" style="margin-bottom: 10px;"> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>											<table border="1" style="margin-bottom: 10px;"> <tr><td>D</td><td>D</td></tr> <tr><td>M</td><td>M</td></tr> <tr><td>S</td><td>S</td></tr> <tr><td>B</td><td>B</td></tr> </table> $5 \overline{)85}$	D	D	M	M	S	S	B	B	<table border="1" style="margin-bottom: 10px;"> <tr><td> </td><td> </td></tr> </table> $5 \overline{)85}$ <table border="1" style="margin-bottom: 10px;"> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>															
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