

Name: _____ Date: _____

DECIMAL MULTIPLICATION & DIVISION

STUDY GUIDE

1	<p>MULTIPLY DECIMALS TIMES WHOLE NUMBERS USING BASE 10 BLOCK MODELS AND REGROUP AS NECESSARY.</p> <p>a. 2.34×4 b. 0.24×3</p> <p>= _____ = _____</p>	I can teach someone else.	I can do this on my own.	I need help with this.
2	<p>MULTIPLY DECIMALS USING ESTIMATES AND THE STANDARD ALGORITHM.</p> <p>a. 7.55×8 b. 5.6×4.9</p> <p>Estimate: _____ Estimate: _____ Solve: _____ Solve: _____</p> <p>c. 4.3×0.84 d. 0.96×0.2</p> <p>Estimate: _____ Estimate: _____ Solve: _____ Solve: _____</p>	I can teach someone else.	I can do this on my own.	I need help with this.
3	<p>USE POWERS OF 10 TO MOVE PLACE VALUES IN DECIMALS.</p> <p>a. 4.5×10^2 b. 56×0.1 c. 30.4×0.01</p> <p>= _____ = _____ = _____</p>	I can teach someone else.	I can do this on my own.	I need help with this.

<p>9</p>	<p>DIVIDE DECIMALS AND WHOLE NUMBERS.</p> <p>a. $13.2 \div 6$ b.) $6.66 \div 0.9$ c.) $94.64 \div 2.6$</p>	<p>I can teach someone else.</p>	<p>I can do this on my own.</p>	<p>I need help with this.</p>
<p>10</p>	<p>REPHRASE DECIMAL DIVISION AS A TOTAL DIVIDED BY AN AMOUNT IN GROUPS.</p> <p>a. $3.2 \div 0.4$ b. $1.21 \div 0.3$ Total: _____ Total: _____ Groups of: _____ Groups of: _____ # of Groups: _____ # of Groups: _____</p>	<p>I can teach someone else.</p>	<p>I can do this on my own.</p>	<p>I need help with this.</p>
<p>11</p>	<p>DIVIDE OUT THE REMAINDER INTO A DECIMAL.</p> <p>a. $7.6 \div 8$ b.) $38.5 \div 4$</p>	<p>I can teach someone else.</p>	<p>I can do this on my own.</p>	<p>I need help with this.</p>