


Mental Math Ladders

Student Directions: Increase your chance of survival by working on the math ladder rungs that are circled below.

<ul style="list-style-type: none"> • four-digit multiples of 100 (e.g. 1300 + 1400) • two-digit (e.g. 67 + 24) • combinations of two-digit and three-digit multiples of 10 (e.g. 320 + 90, 320 + 430) • two-digit + one-digit (e.g. 37 + 5) • two-digit multiples of 10 (e.g. 60 + 80) • sums up to 20 • 10 more than the original number • sums up to 10 • two more than the original number • one more than the original number 	<ul style="list-style-type: none"> • change back from \$20, \$50 and \$100 • change back from \$1, \$5, and \$10 • combinations of two-digit and three-digit multiples of 10 (e.g. 50 - 20, 230 - 80, 420 - 200) • three-digit multiples of 100 (e.g. 500 - 200) • two-digit multiples of 10 (e.g. 50 - 20) • one-digit number from a two-digit number (e.g. 37 - 5) • two-digit multiples of 10 (e.g. 90 - 30) • for addition facts to 20 • 10 less than the original number • for addition facts to 10 • two less than the original number • one less than the original number 	<ul style="list-style-type: none"> • determines part of a whole number using benchmark percents of 1%, 10%, 25%, 50%, and 75% (e.g. 10% of 50) • three-digit multiples of 100 by two-digit multiples of 10 or 100 (e.g. 400 x 50, 400 x 60) • two-digit multiples of 10 (e.g. 50 x 60) • two-digit by one-digit (e.g. 45 x 5) • all multiplication fact families to a product of 144 • all multiplication fact families to a product of 100 • all multiplication fact families to a product of 50 	 <ul style="list-style-type: none"> • three-digit and four-digit multiples of powers of ten by their compatible factors (e.g. 360 divided by 6) • for multiplication facts to 144 • for multiplication facts to 100
<p style="text-align: center;">Addition Ladder</p>	<p style="text-align: center;">Subtraction Ladder</p>	<p style="text-align: center;">Multiplication Ladder</p>	<p style="text-align: center;">Division Ladder</p>

Note to parents: Just as there are different rungs on a ladder, there are different types of mental math practice and varied levels of readiness. Students should work on the type(s) of practice recommended by their teacher.

