

MATHeMENTALS 2

Developing Computational Fluency

CORRELATION TO TEKS (TEXAS ESSENTIAL KNOWLEDGE AND SKILLS FOR MATHEMATICS) GRADE 2

HEADQUARTERS

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ORIGO[®]
EDUCATION

		Expectation: The student is expected to...	Pages
Number, Operation, and Quantitative Reasoning	(2.3) The student adds and subtracts whole numbers to solve problems.	(A) recall and apply basic addition facts (sums to 18).	Warm Up & Work Out Sets: 1, 15
		(B) select addition or subtraction and solve problems using two-digit numbers, whether or not regrouping is necessary.	Warm Up & Work Out Sets: 1-11, 13-14, 16-17, 19-30
Patterns, Relationships, and Algebraic Thinking	(2.5) The student uses patterns in numbers and operations.	(A) find patterns in numbers such as in a 100s chart.	Warm Up & Work Out Sets: 9, 24, 28
		(B) use patterns to develop strategies to remember basic addition facts.	Warm Up & Work Out Sets: 2, 5-8, 12, 15
		(D) solve subtraction problems related to addition facts (fact families) such as $8 + 9 = 17$, $9 + 8 = 17$, $17 - 8 = 9$, and $17 - 9 = 8$.	Warm Up & Work Out Sets: 21, 22
	(2.6) The student uses patterns to describe relationships and make predictions.	(C) identify, describe, and extend patterns to make predictions and solve problems.	Warm Up & Work Out Sets: 1-30
Underlying Processes and Mathematical Tools	(2.13) The student communicates about Grade 2 mathematics using informal language.	(A) explain and record observations using objects, words, pictures, numbers, and technology.	Warm Up & Work Out Sets: 1-30
		(B) relate informal language to mathematical language and symbols.	Warm Up & Work Out Sets: 1-30
	(2.14) The student uses logical reasoning to make sense of his or her world.	The student is expected to justify his or her thinking using objects, words, pictures, numbers, and technology.	Warm Up & Work Out Sets: 1-30