

MATHeMENTALS 5

Developing Computational Fluency

CORRELATION TO TEKS (TEXAS ESSENTIAL KNOWLEDGE AND SKILLS FOR MATHEMATICS) GRADE 5

HEADQUARTERS

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ORIGO[®]
EDUCATION

		Expectation: The student is expected to...	Pages
Number, Operation, and Quantitative Reasoning	(5.1) The student uses place value to represent whole numbers and decimals.	(A) use place value to read, write, compare, and order whole numbers through the billions place.	Warm Up & Work Out Sets: 1, 9, 10, 14, 18-27, 29, 30
		(B) use place value to read, write, compare, and order decimals through the thousandths place.	Warm Up & Work Out Sets: 2-6, 8, 11-13, 15, 17
	(5.2) The student uses fractions in problem-solving situations.	(A) generate equivalent fractions.	Warm Up & Work Out Sets: 7
	(5.3) The student adds, subtracts, multiplies, and divides to solve meaningful problems.	(A) use addition and subtraction to solve problems involving whole numbers and decimals.	Warm Up & Work Out Sets: 1-16
		(B) use multiplication to solve problems involving whole numbers (no more than three digits times two digits without technology).	Warm Up & Work Out Sets: 18-22
		(C) use division to solve problems involving whole numbers (no more than two-digit divisors and three-digit dividends without technology).	Warm Up & Work Out Sets: 26, 27, 29, 30
		(D) identify prime factors of a whole number and common factors of a set of whole numbers.	Warm Up & Work Out Sets: 22
(E) model and record addition and subtraction of fractions with like denominators in problem-solving situations.		Warm Up & Work Out Sets: 7, 16	
Underlying processes and mathematical tools.	(5.15) The student communicates about Grade 5 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, 2, 9-11, 18, 19, 26
	(5.16) The student uses logical reasoning to make sense of his or her world.	(A) make generalizations from patterns or sets of examples and nonexamples.	Warm Up & Work Out Sets: 1-30
		(B) justify why an answer is reasonable and explain the solution process.	Warm Up & Work Out Sets: 1-30