

MATHeMENTALS 6

Developing Computational Fluency

CORRELATION TO TEKS (TEXAS ESSENTIAL KNOWLEDGE AND SKILLS FOR MATHEMATICS) GRADE 6

HEADQUARTERS

PO Box 369	Tel. 1-888-ORIGO-01	Fax. 1-888-ORIGO-04	www.origoeducation.com
St Charles, MO	or 1-888-674-4601	or 1-888-674-4604	sales@origomath.com
63302-0369	Outside USA	Outside USA	
	636 724-8380	636 724-8383	

ORIGO[®]
EDUCATION

		Expectation: The student is expected to...	Pages
Number, Operation, and Quantitative Reasoning	(6.1) The student represents and uses rational numbers in a variety of equivalent forms.	(B) generate equivalent forms of rational numbers including whole numbers, fractions, and decimals.	Warm Up & Work Out Sets: 7, 16, 22, 23, 30
	(6.2) The student adds, subtracts, multiplies, and divides to solve problems and justify solutions.	(A) model addition and subtraction situations involving fractions with objects, pictures, words, and numbers.	Warm Up & Work Out Sets: 7, 16
		(B) use addition and subtraction to solve problems involving fractions and decimals.	Warm Up & Work Out Sets: 1-7, 9-16
		(C) use multiplication and division of whole numbers to solve problems including situations involving equivalent ratios and rates.	Warm Up & Work Out Sets: 17, 19, 20, 22, 23, 26-29
Patterns, Relationships, and Algebraic Thinking	(6.3) The student solves problems involving proportional relationships.	(B) represent ratios and percents with concrete models, fractions, and decimals.	Warm Up & Work Out Sets: 22-25
Underlying processes and mathematical tools	(6.11) The student applies Grade 6 mathematics to solve problems connected to everyday experiences, investigations in other disciplines, and activities in and outside of school.	(D) select tools such as real objects, manipulatives, paper/pencil, and technology or techniques such as mental math, estimation, and number sense to solve problems.	Warm Up & Work Out Sets: 1-30
	(6.12) The student communicates about Grade 6 mathematics through informal and mathematical language, representations, and models.	(A) communicate mathematical ideas using language, efficient tools, appropriate units, and graphical, numerical, physical, or algebraic mathematical models.	Warm Up & Work Out Sets: 1-30
		(B) evaluate the effectiveness of different representations to communicate ideas.	Warm Up & Work Out Sets: 1-30
	(6.13) The student uses logical reasoning to make conjectures and verify conclusions.	(A) make conjectures from patterns or sets of examples and nonexamples.	Warm Up & Work Out Sets: 1-30
		(B) validate his/her conclusions using mathematical properties and relationships.	Warm Up & Work Out Sets: 1-30