Prepared by the State Board of Education (SBOE) TEKS Review Committees

Final Recommendations, October 2011

In 2010-2011 the Commissioner's Mathematics Advisory Group was convened to offer recommendations regarding the next generation of mathematics standards in Texas. *The Commissioner's Draft of the Texas Mathematics Standards* reflects the recommendations of the Commissioner's Mathematics Advisory Group and a panel of national advisors in mathematics. The SBOE-appointed mathematics TEKS review committees used *The Commissioner's Draft of the Texas Mathematics Standards* as a starting point for their recommendations for revisions to the TEKS.

These proposed revisions reflect the recommended changes of the committees to the standards in *The Commissioner's Draft of the Texas Mathematics Standards.* Proposed additions are shown in green font with underlines (additions) and proposed deletions are shown in red font with strikethroughs (~~deletions~~). Changes recommended based on a vertical alignment review are shown in brown font (additions or ~~deletions~~).

Comments in the right-hand column provide explanations for the proposed changes. The following notations were used as part of the explanations:

BSG—information added, changed, or deleted based on broad-strokes guidance from the SBOE

CRS—information added or changed to align with the Texas College and Career Readiness Standards (CCRS)

ER—information added, changed, or deleted based on expert reviewer feedback

IF—information added, changed, or deleted based on informal feedback

MV—multiple viewpoints from within the committee

SBOE—information added, changed, or deleted based on SBOE feedback

VA—information added, changed, or deleted to increase vertical alignment

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6P03	give examples of rates as the comparison by division of two quantities having different attributes, including rates as quotients~~, (e.g., 2 inches per 3 seconds is equivalent to 2/3 inches per second)~~	Format Examples moved to PD
	represent ratios and percents with concrete models, fractions, and decimals	Vertical alignment
6P08	represent benchmark fractions and percents ~~equivalents~~ such as ~~(~~1%, 10%, 25%, 33 1/3%, and multiples of these values~~)~~ using 10 x 10 grids, strip diagrams, number lines, and numbers	
6P09	generate ~~identify~~ equivalent forms of fractions, decimals, and percents using real world problems, including problems that involve money	SB 290
Knowledge and Skills Statement. The student applies mathematical process standards to solve problems involving proportional relationships. The student is expected to:		
6P04	represent mathematical and real world problems involving ratios and rates using scale factors, tables, graphs, and proportions	
~~6P06~~	~~solve mathematical and real-world problems involving ratios and rates using scale factors, unit rates, tables, graphs, and proportions~~	Covered in 7P04 ER – reduce 6th grade content
~~6P07~~	~~determine conversions within a measurement system, including the use of proportions and unit rates in mathematical and real-world problems~~	Moved to 7th grade
6P10	solve ~~determine solutions to~~ real-world problems~~, finding the whole, given a part and the percent;~~ finding the part~~,~~ given the whole and the percent ~~;~~ and finding the percent~~,~~ given the part and the whole using concrete and pictorial models	student need foundation before moving to abstract
	use equivalent fractions, decimals, and percents to show equal parts of the same whole	Readiness VA

Expressions, Equations and Relationships	**6A**
Apply and Extend Arithmetic to Expressions and Equations	
Knowledge and Skills Statement. The student applies mathematical process standards to use multiple representations to describe algebraic relationships. The student is expected to:	
6A01	identify ~~represent~~ independent and dependent quantities from tables and graphs ~~within a mathematical or real-world problem using values~~
6A02	write an equation that represents the relationship between independent and dependent quantities from a table ~~within a mathematical or real-world problem~~
~~6A03~~	~~represent mathematical and real-world problems with a rule equivalent to the form $y=kx$ or $y=x+b$~~