

Think Tank (Fractions) and TEKS 5th Grade

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Quick Quizzes	4GM	2NO	2NO	2NO	2NO	2NO	2NO	2NO	2NO	2NO	2NO	3AR	2NO	3AR	2NO	2NO	3AR	2NO	3AR	3AR
Pace Setters	4GM	2NO	3AR	3AR	2NO	3AR	2NO	2NO	5DA	4GM	2NO	3AR	3AR	2NO	2NO	3AR	3AR	3AR	3AR	2NO
Ponder Puzzles	3AR	3AR	3AR	4GM	3AR	2NO	2NO	4GM	3AR	3AR	2NO	3AR	2NO	3AR	2NO	3AR	3AR	3AR	2NO	3AR
Fast Figures	3AR	3AR	2NO	3AR	2NO	2NO	2NO	5DA	3AR	3AR	2NO	3AR	3AR	2NO	3AR	3AR	2NO	2NO	3AR	3AR
Brain Busters	3AR	3AR	4GM	3AR	3AR	2NO	3AR	2NO	2NO	4GM	3AR	3AR	3AR	2NO	2NO	3AR	3AR	3AR	2NO	2NO
Thorough Thinkers	2NO	3AR	3AR	2NO	3AR	2NO	5DA	2NO	2NO	2NO	3AR	2NO	2NO	2NO	2NO	3AR	3AR	2NO	3AR	3AR
Cranium Crackers	4GM	4GM	3AR	3AR	2NO	2NO	2NO	2NO	2NO	2NO	2NO	2NO	3AR	2NO	2NO	3AR	4GM	3AR	2NO	3AR
Super Solvers	3AR	3AR	3AR	2NO	5DA	2NO	3AR	3AR	3AR	2NO	3AR	2NO	3AR	2NO	2NO	3AR	2NO	2NO	2NO	2NO
Master Minds	3AR	2NO	3AR	2NO	3AR	2NO	2NO	2NO	2NO	2NO	3AR	2NO	2NO	3AR	3AR	2NO	4GM	2NO	2NO	2NO

Prickly Problems	3AR	2NO	3AR	3AR	3AR	2NO	2NO	2NO	4GM	3AR	3AR	5DA	2NO	2NO	3AR	3AR	2NO	2NO	2NO	2NO
Wise Wizards	3AR	3AR	3AR	2NO	3AR	4GM	2NO	2NO	3AR	2NO	3AR	2NO	2NO	3AR	4GM	2NO	3AR	2NO	4GM	2NO
Grand Masters	4GM	3AR	2NO	3AR	3AR	3AR	5DA	3AR	4GM	3AR	2NO	3AR	2NO	2NO	3AR	3AR	2NO	2NO	4GM	2NO

Texas Essential Knowledge and Skills

Standard 1 - Mathematical process standards

The student uses mathematical processes to acquire and demonstrate mathematical understanding. The student is expected to:

- (A) apply mathematics to problems arising in everyday life, society, and the workplace;
- (B) use a problem-solving model that incorporates analyzing given information, formulating a plan or strategy, determining a solution, justifying the solution, and evaluating the problem-solving process and the reasonableness of the solution;
- (C) select tools, including real objects, manipulatives, paper and pencil, and technology as appropriate, and techniques, including mental math, estimation, and number sense as appropriate, to solve problems;
- (D) communicate mathematical ideas, reasoning, and their implications using multiple representations, including symbols, diagrams, graphs, and language as appropriate;
- (E) create and use representations to organize, record, and communicate mathematical ideas;
- (F) analyze mathematical relationships to connect and communicate mathematical ideas; and
- (G) display, explain, and justify mathematical ideas and arguments using precise mathematical language in written or oral communication.

Standard 2 - Number and Operations (2NO) – Positive Rational Numbers - Relationships

The student applies mathematical process standards to represent, compare, and order positive rational numbers and understand relationships as related to place value.

Standard 3 – Algebraic Reasoning (3AR)

The student applies mathematical process standards to develop and use mathematical knowledge and skills as they analyze mathematical relationships to connect and communicate mathematical ideas.

Standard 4 – Geometry and Measurement (4GM)

The student applies mathematical process standards to develop and use mathematical knowledge and skills as they classify two-dimensional figures, determine measurements, and analyze geometric relationships.

Standard 5 – Data Analysis (5DA)

The student applies mathematical process standards to develop and use mathematical knowledge and skills as they collect, organize, display, and interpret data.

Note to Teachers: The Think Tank problems have been correlated to the Grade Level Standards in 5th Grade. Please refer to the TEKS and the grade level student expectations. This correlation is only a starting point in your instructional planning.