

## State of Texas Assessments of Academic Readiness (STAAR®) Griddable Questions for Mathematics

The STAAR mathematics assessments use a type of open-ended question known as a griddable item. The purpose of griddable items is to provide students opportunities to derive answers independently without being influenced by answer choices provided with the questions. STAAR mathematics assessments include 3 to 5 griddable questions.

### Griddable Questions for STAAR Grades 3–5 Mathematics Assessments

- There are three griddable questions on each assessment.
- The correct answer will be a positive number.
- The answer grids include a fixed decimal point.
- Students must enter their answer in the correct columns with respect to the fixed decimal point.
- Students must enter their answer in the boxes and then fill in the corresponding bubbles.
- Students do not have to use all the boxes.
- Extra zeros may be filled in (either before or after the answer) as long as their placement does not affect the value of the answer.

Grade 3 Mathematics

			.
0	0	0	
1	1	1	
2	2	2	
3	3	3	
4	4	4	
5	5	5	
6	6	6	
7	7	7	
8	8	8	
9	9	9	

Grades 4–5 Mathematics

			.		
0	0	0		0	0
1	1	1		1	1
2	2	2		2	2
3	3	3		3	3
4	4	4		4	4
5	5	5		5	5
6	6	6		6	6
7	7	7		7	7
8	8	8		8	8
9	9	9		9	9

### Griddable Questions for STAAR Grades 6–8 Mathematics Assessments

- There are four griddable questions on each assessment.
- The correct answer can be a positive or a negative number. If the answer is a negative number, students must enter a negative sign. If no sign is marked, the answer will default to a positive number.
- The answer grids include a fixed decimal point.
- Students must enter their answer in the correct columns with respect to the fixed decimal point.

- Students must enter their answer in the boxes and then fill in the corresponding bubbles.
- Students do not have to use all the boxes.
- Extra zeros may be filled in (either before or after the answer) as long as their placement does not affect the value of the answer.

Grades 6–8 Mathematics

					.		
+	0	0	0	0		0	0
−	1	1	1	1		1	1
	2	2	2	2		2	2
	3	3	3	3		3	3
	4	4	4	4		4	4
	5	5	5	5		5	5
	6	6	6	6		6	6
	7	7	7	7		7	7
	8	8	8	8		8	8
	9	9	9	9		9	9

**Griddable Questions for STAAR Algebra I and II Assessments**

- There are five griddable questions on each assessment.
- The correct answer can be a positive or a negative number. If the answer is a negative number, students must enter a negative sign. If no sign is marked, the answer will default to a positive number.
- The answer grid includes a floating decimal point. If the answer is a decimal number, students must enter a decimal point.
- Students must enter their answer in the boxes (paper and online) and then fill in the corresponding bubbles (paper only).
- Students do not have to use all the boxes and can place their answer in any set of consecutive boxes.
- Extra zeros may be filled in (either before or after the answer) as long as their placement does not affect the value of the answer.

Algebra I and II

+	.	.	.	.	.	.	.
−	0	0	0	0	0	0	0
	1	1	1	1	1	1	1
	2	2	2	2	2	2	2
	3	3	3	3	3	3	3
	4	4	4	4	4	4	4
	5	5	5	5	5	5	5
	6	6	6	6	6	6	6
	7	7	7	7	7	7	7
	8	8	8	8	8	8	8
	9	9	9	9	9	9	9