

SCHOOL REPORT: Dodge City Middle School / #6684

SUBJECT: Mathematics

GRADE: 8

DISTRICT: Dodge City / #D0443



This chart shows how students performed on each question that appeared on the most recent interim assessment. The School PCT column reports the percentage of students who earned full credit on each question. For comparison, the State PCT column reflects the number of students out of 100 who earned full credit on each question during the 2016-2017 interim mini-tests. Higher numbers in this column indicate an easier question; lower numbers indicate a more difficult question.

Mathematics Fall Predictive Interim Assessment Results

	Question Description	School PCT*	State PCT
1	Identify the graph of a situation	67	72
2	Identify the graph of a situation	63	66
3	Compare rates in two situations: one modeled in a table and one modeled in a graph	63	63
4	Identify the solution to a system of linear equations shown on a graph	69	71
5	Solve a two-step equation in one variable	51	65
6	Solve a multistep equation in one variable	27	58
7	Solve a multistep equation in one variable	32	55
8	Compare a function modeled in an equation with one modeled in a graph	51	61
9	Compare a function modeled in a graph with one modeled in a table	47	56
10	Use a description of a situation and a graph to determine rate	41	53
11	Identify the graph of a function representing a situation	28	44
12	Identify whether a graphed function is linear/nonlinear and increasing/decreasing	53	87
13	Identify whether a graphed function is linear/nonlinear and increasing/decreasing	36	73
14	Identify the sequence of transformations of two similar figures on a graph	20	56
15	Use the Pythagorean theorem to find the length of a hypotenuse	35	76
16	Use properties of exponents to determine whether expressions are equivalent	19	65
17	Interpret parts of an equation and relate values to a situation	29	36
18	Find the approximate location of an irrational number on a number line	55	71
19	Find the approximate location of an irrational number on a number line	35	54
20	Identify numbers as rational or irrational	31	46
21	Find the approximate value of an irrational number	18	42
22	Find the cube root of a perfect cube	51	68
23	Perform operations with numbers expressed in scientific notation	53	59
24	Solve an equation and approximate the solution on a number line	38	52
25	Perform operations with numbers expressed in scientific notation	15	27

* Percentage of students who received full credit.

Number of students who did not answer all of the questions = 7.

Additional Resources

For sample test questions, visit ksassessments.org/interactive-demos.

For information about the Kansas College and Career Ready Standards, visit ksde.org.

To learn about the Kansas Assessment Program, visit ksassessments.org.

