

**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 2017-2018 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  | Find the approximate location of an irrational number on a number line             | 46          | 71        |
| 2  | Find the approximate location of an irrational number on a number line             | 34          | 54        |
| 3  | Identify numbers as rational or irrational   | 27          | 46        |
| 4  | Find the approximate value of an irrational number                                 | 16          | 42        |
| 5  | Find the cube root of a perfect cube   | 46          | 68        |
| 6  | Identify the graph of a situation  | 66          | 72        |
| 7  | Identify the graph of a situation  | 62          | 66        |
| 8  | Compare rates in two situations: one modeled in a table and one modeled in a graph | 65          | 63        |
| 9  | Solve a two-step equation in one variable  | 43          | 65        |
| 10 | Solve a multistep equation in one variable   | 32          | 58        |
| 11 | Solve a multistep equation in one variable   | 35          | 55        |
| 12 | Use a description of a situation and a graph to determine rate                     | 33          | 53        |
| 13 | Identify the graph of a function representing a situation                          | 22          | 44        |
| 14 | Identify whether a graphed function is linear/nonlinear and increasing/decreasing  | 53          | 87        |
| 15 | Identify whether a graphed function is linear/nonlinear and increasing/decreasing  | 45          | 73        |
| 16 | Use the Pythagorean theorem to find the length of a hypotenuse                     | 23          | 76        |
| 17 | Interpret parts of an equation and relate values to a situation                    | 23          | 36        |

\* Percentage of students who received full credit.

Number of students who did not answer all of the questions = 4.

**Additional Resources**

For sample test questions, visit [ksassessments.org/interactive-demos](http://ksassessments.org/interactive-demos).

For information about the Kansas College and Career Ready Standards, visit [ksde.org](http://ksde.org).

To learn about the Kansas Assessment Program, visit [ksassessments.org](http://ksassessments.org).

