

Algebra 1

Blueprint Overview & Item Specifications

Algebra 1 Resource: SDE Resources

Preparing students for the Algebra I End of Instruction test can be overwhelming for any educator. The Oklahoma State Department of Education has provided free support in the form of sample test questions, a blueprint of the test, and a detailed look at test item specifications. All of these resources can be downloaded for free at:

<http://sde.state.ok.us/>

x	y
-2	3
-1	-4
-1	3
0	3
1	0
1	-1

The table shows a relationship between x and y . Which set represents the range?

- A $\{-4, -1, 0, 3\}$
- B $\{-2, -1, 0, 1\}$
- C $\{-4, -2, -1, 1, 3\}$
- D $\{-4, -2, -1, 0, 1, 3\}$

Algebra 1 Resource: ScreenCast Videos

Levi Patrick, the Math Specialist with K20alt, has put together two ScreenCast videos in which he walks through his approach to tackling the Algebra I Pass objectives, using resources available through the Oklahoma State Department of Education. Both videos can be viewed by clicking on the links below:

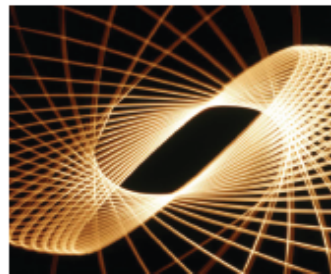
<http://screencast.com/t/oI4BmGzMJpl>

<http://screencast.com/t/T2aiPOewMPqy>

OKLAHOMA SCHOOL TESTING PROGRAM
OKLAHOMA CORE CURRICULUM TESTS

TEST AND ITEM SPECIFICATIONS September 2010

End-of-Instruction
ACE Algebra I



OKLAHOMA STATE DEPARTMENT OF EDUCATION



ACE Algebra I EOI Test and Item Specifications

PASS Standards and Objectives		Ideal Number of Items	Ideal Percentage of Test
Number Sense and Algebraic Operations (1.0)		15	27%
1.1	Equations and Formulas	6	
1.2	Expressions	9	
Relations and Functions (2.0)		31	56%
2.1	Relations/Functions	6	
2.2	Linear Equations and Graphs	15	
2.3	Linear Inequalities and Graphs	6	
2.4	Systems of Equations	4	
Data Analysis, Probability, & Statistics (3.0)		9	16%
3.1	Data Analysis	5	
3.2	Line of Best Fit	4	
Total Test		55	100%