**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Reasoning with Equations and Inequalities (A.REI.7)**



A system of three equations and their graphs in the *xy*-plane are shown above. How many solutions does the system have?

|  |  |  |
| --- | --- | --- |
| Statement | Yes or No | Explain your thinking |
| 1. One |  |  |
| 1. Two |  |  |
| 1. Three |  |  |
| 1. Four |  |  |

Source:

SAT Released Items

<https://collegereadiness.collegeboard.org/sample-questions/math/calculator-permitted/7>

Problem 7, Calculator Permitted

Passport to Advanced Math