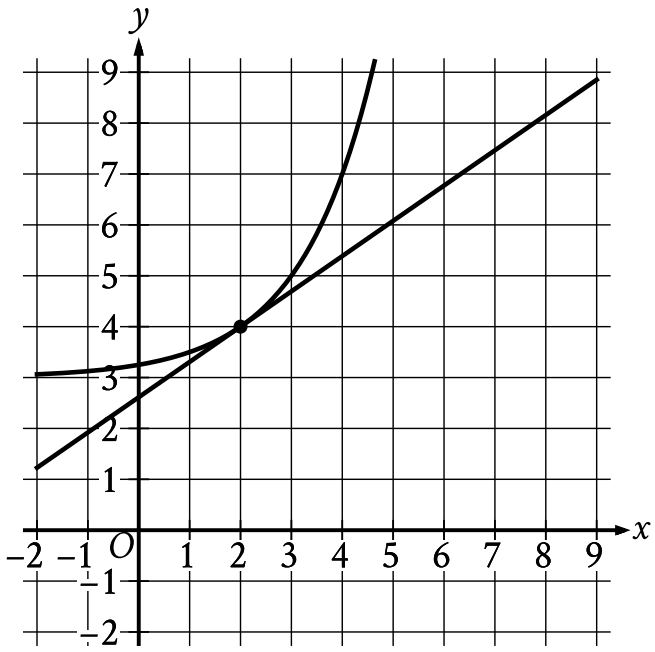
Question ID b37067ef

Assessment	Test	Domain	Skill	Difficulty
PSAT 8/9	Math	Advanced Math	Nonlinear equations in one variable and systems of equations in two variables	Easy

ID: b37067ef



The graph of a system of a linear equation and a nonlinear equation is shown. What is the solution (x, y) to this system?

A. $(0, 0)$

B. $(0, 2)$

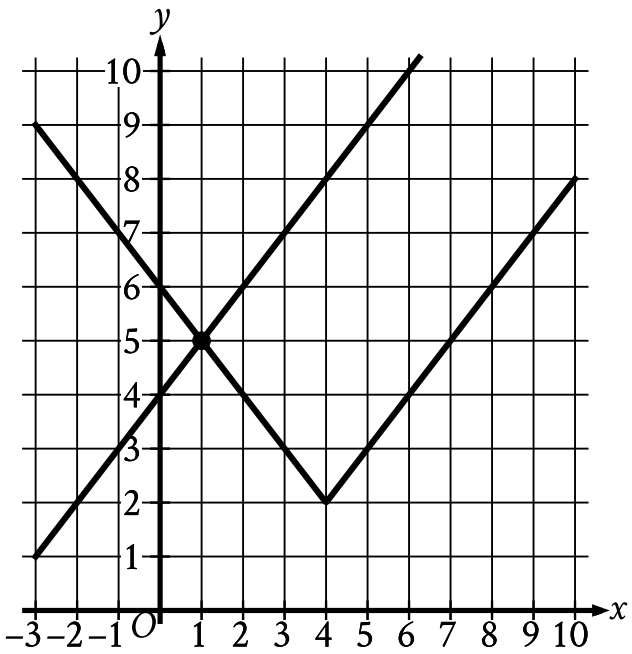
C. $(2, 4)$

D. $(4, 0)$

Question ID bbb682da

Assessment	Test	Domain	Skill	Difficulty
PSAT 8/9	Math	Advanced Math	Nonlinear equations in one variable and systems of equations in two variables	Easy

ID: bbb682da



The graph of a system of an absolute value function and a linear function is shown. What is the solution (x, y) to this system of two equations?

A. $(-1, 5)$

B. $(0, 4)$

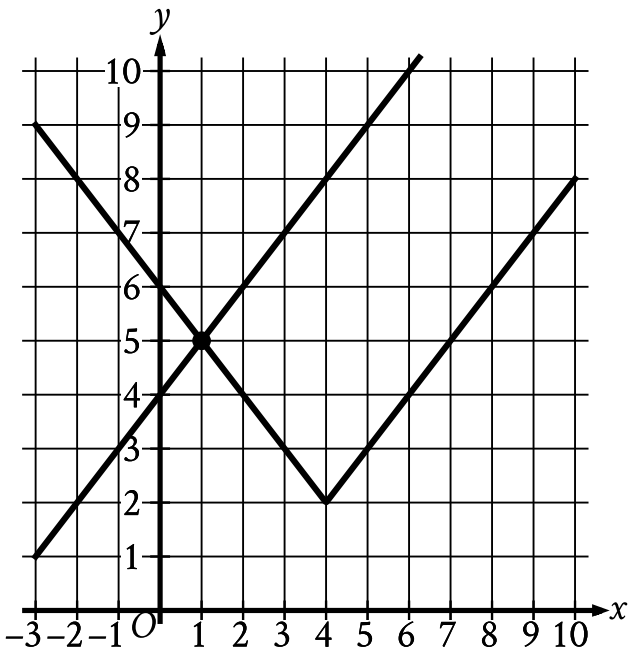
C. $(1, 5)$

D. $(4, 2)$

Question ID bbb682da

Assessment	Test	Domain	Skill	Difficulty
PSAT 8/9	Math	Advanced Math	Nonlinear equations in one variable and systems of equations in two variables	Easy

ID: bbb682da



The graph of a system of an absolute value function and a linear function is shown. What is the solution (x, y) to this system of two equations?

A. $(-1, 5)$

B. $(0, 4)$

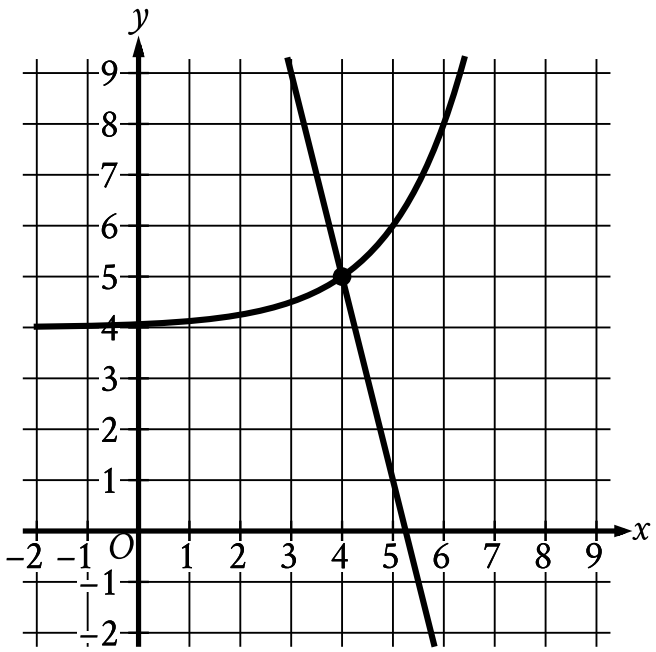
C. $(1, 5)$

D. $(4, 2)$

Question ID 81a4df1a

Assessment	Test	Domain	Skill	Difficulty
PSAT 8/9	Math	Advanced Math	Nonlinear equations in one variable and systems of equations in two variables	Easy

ID: 81a4df1a



The graph of a system of a linear equation and a nonlinear equation is shown. What is the solution (x, y) to this system?

A. $(0, 0)$

B. $(0, 4)$

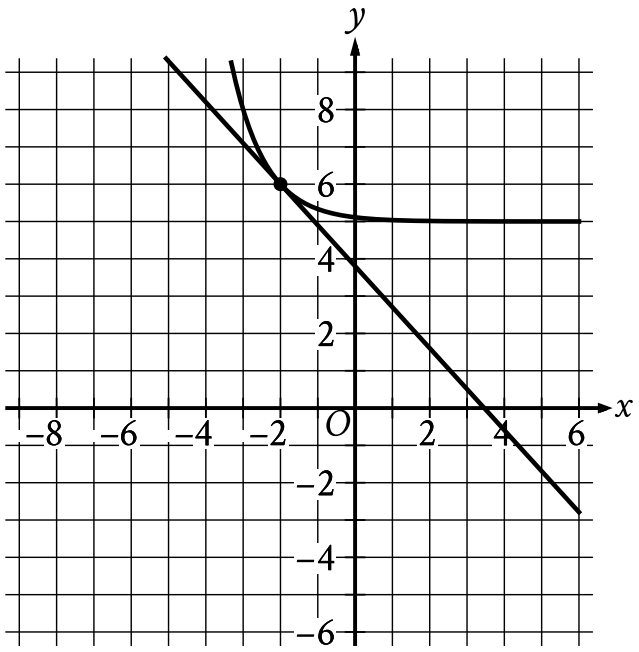
C. $(4, 5)$

D. $(5, 0)$

Question ID fc3ba39b

Assessment	Test	Domain	Skill	Difficulty
PSAT 8/9	Math	Advanced Math	Nonlinear equations in one variable and systems of equations in two variables	Easy

ID: fc3ba39b



The graph of a system of a linear equation and a nonlinear equation is shown. What is the solution (x, y) to this system?

A. $(6, 0)$

B. $(-2, 6)$

C. $(0, -2)$

D. $(0, 0)$

Question ID 26d55e01

Assessment	Test	Domain	Skill	Difficulty
PSAT 8/9	Math	Advanced Math	Nonlinear equations in one variable and systems of equations in two variables	Easy

ID: 26d55e01

$$|x + 45| = 48$$

What is the positive solution to the given equation?

A. 3

B. 48

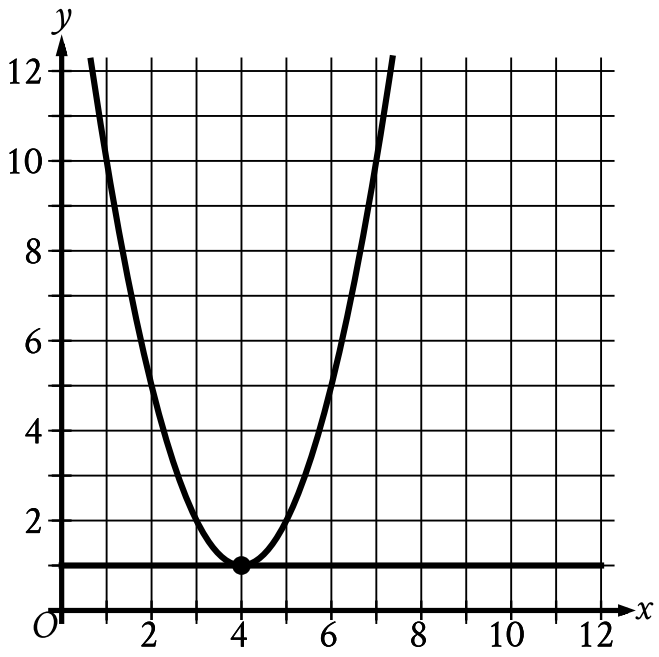
C. 93

D. 96

Question ID 9fc154b1

Assessment	Test	Domain	Skill	Difficulty
PSAT 8/9	Math	Advanced Math	Nonlinear equations in one variable and systems of equations in two variables	Easy

ID: 9fc154b1



The graph of a system of a linear and a quadratic equation is shown. What is the solution (x, y) to this system?

A. $(0, 0)$

B. $(-4, 1)$

C. $(4, -1)$

D. $(4, 1)$

Question ID 70a44792

Assessment	Test	Domain	Skill	Difficulty
PSAT 8/9	Math	Advanced Math	Nonlinear equations in one variable and systems of equations in two variables	Easy

ID: 70a44792

$$|p| + 61 = 65$$

Which value is a solution to the given equation?

A. $\frac{65}{61}$

B. 4

C. 126

D. 130