

Question ID e056a89f

Assessment	Test	Domain	Skill	Difficulty
SAT	Math	Algebra	Systems of two linear equations in two variables	Easy

ID: e056a89f

$$\begin{aligned}x &= 5 \\ y &= x - 8\end{aligned}$$

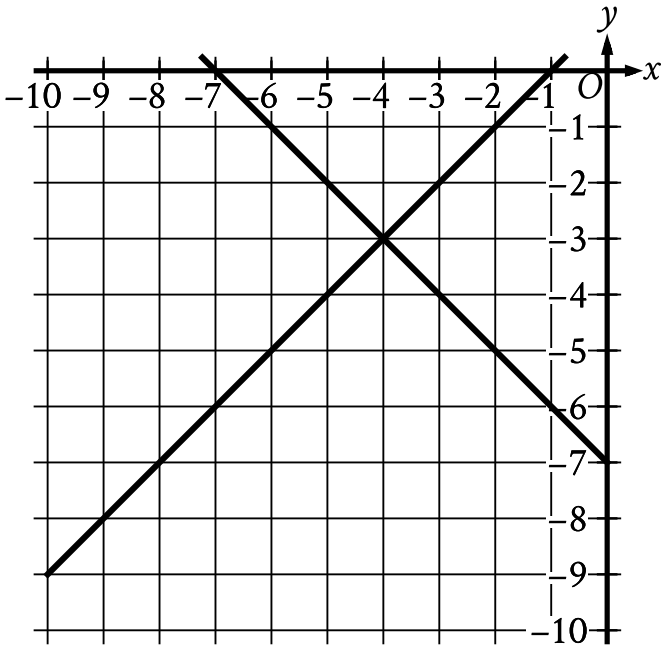
Which of the following points (x, y) is the solution to the given system of equations in the xy -plane?

- A. $(0, 0)$
- B. $(5, -3)$
- C. $(5, -8)$
- D. $(5, 8)$

Question ID 1fd0aec2

Assessment	Test	Domain	Skill	Difficulty
SAT	Math	Algebra	Systems of two linear equations in two variables	Easy

ID: 1fd0aec2



The graph of a system of linear equations is shown. What is the solution (x, y) to the system?

- A. $(0, -7)$
- B. $(0, -3)$
- C. $(-4, -3)$
- D. $(-4, 0)$

Question ID 96325aa9

Assessment	Test	Domain	Skill	Difficulty
SAT	Math	Algebra	Systems of two linear equations in two variables	Easy

ID: 96325aa9

$$\begin{aligned} 4x &= 20 \\ -3x + y &= -7 \end{aligned}$$

The solution to the given system of equations is (x, y) . What is the value of $x + y$?

- A. -27
- B. -13
- C. 13
- D. 27

Question ID 6775509d

Assessment	Test	Domain	Skill	Difficulty
SAT	Math	Algebra	Systems of two linear equations in two variables	Easy

ID: 6775509d

$$\begin{aligned}x + y &= 18 \\ 5y &= x\end{aligned}$$

What is the solution (x, y) to the given system of equations?

- A. $(15, 3)$
- B. $(16, 2)$
- C. $(17, 1)$
- D. $(18, 0)$

Question ID 451f10be

Assessment	Test	Domain	Skill	Difficulty
SAT	Math	Algebra	Systems of two linear equations in two variables	Easy

ID: 451f10be

$$\begin{aligned}x &= 10 \\ y &= x + 21\end{aligned}$$

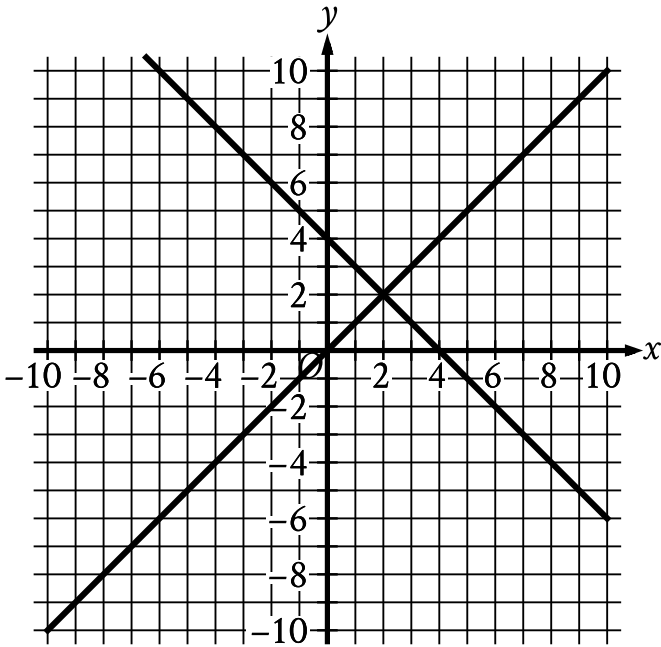
The solution to the given system of equations is (x, y) . What is the value of y ?

- A. 2.1
- B. 10
- C. 21
- D. 31

Question ID 6db418b9

Assessment	Test	Domain	Skill	Difficulty
SAT	Math	Algebra	Systems of two linear equations in two variables	Easy

ID: 6db418b9



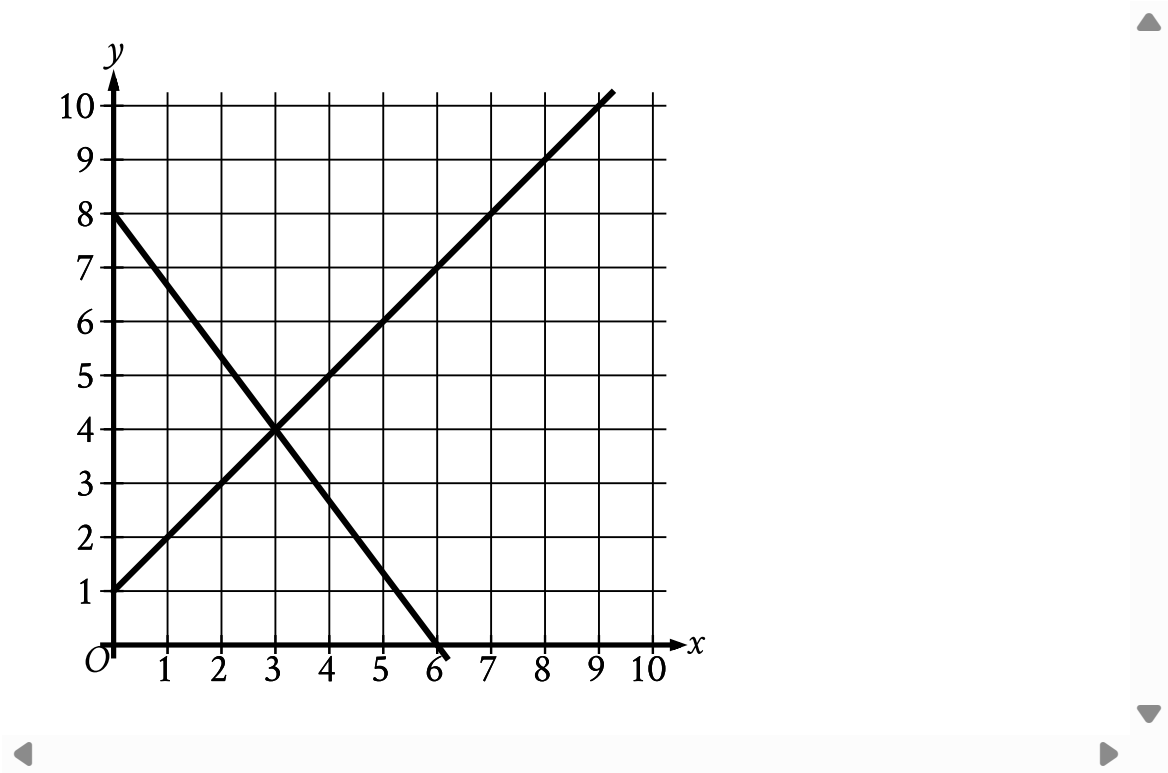
The graph of a system of two linear equations is shown. What is the solution (x, y) to the system?

- A. $(0, 4)$
- B. $(2, 2)$
- C. $(4, 0)$
- D. $(4, 4)$

Question ID 15c9443f

Assessment	Test	Domain	Skill	Difficulty
SAT	Math	Algebra	Systems of two linear equations in two variables	Easy

ID: 15c9443f



The graph of a system of linear equations is shown. What is the solution (x, y) to the system?

- A. $(2, 3)$
- B. $(3, 4)$
- C. $(4, 5)$
- D. $(5, 6)$

Question ID 5d6fef30

Assessment	Test	Domain	Skill	Difficulty
SAT	Math	Algebra	Systems of two linear equations in two variables	Easy

ID: 5d6fef30

$$\begin{aligned}s + 7r &= 27 \\ r &= 3\end{aligned}$$

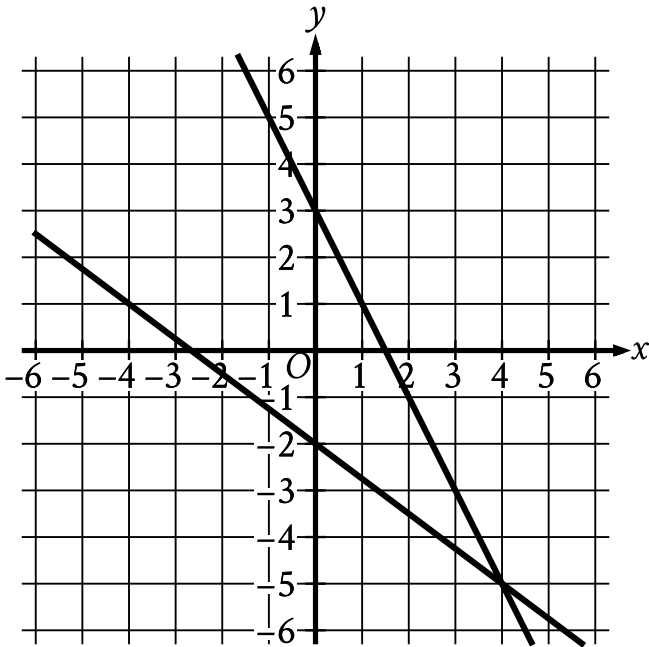
What is the solution (r, s) to the given system of equations?

- A. $(6, 3)$
- B. $(3, 6)$
- C. $(3, 27)$
- D. $(27, 3)$

Question ID 73a92771

Assessment	Test	Domain	Skill	Difficulty
SAT	Math	Algebra	Systems of two linear equations in two variables	Easy

ID: 73a92771



The graph of a system of linear equations is shown. What is the solution (x, y) to the system?

- A. $(4, -5)$
- B. $(0, 3)$
- C. $(0, -2)$
- D. $(-2, 3)$

Question ID e644d732

Assessment	Test	Domain	Skill	Difficulty
SAT	Math	Algebra	Systems of two linear equations in two variables	Easy

ID: e644d732

$$\begin{aligned}4x - 3y &= 5 \\ x &= 8\end{aligned}$$

What is the solution (x, y) to the given system of equations?

- A. $(8, 9)$
- B. $(8, -24)$
- C. $(8, -9)$
- D. $(8, 24)$

Question ID a28c5d5e

Assessment	Test	Domain	Skill	Difficulty
SAT	Math	Algebra	Systems of two linear equations in two variables	Easy

ID: a28c5d5e

$$\begin{aligned}y &= 4x - 9 \\ y &= 19\end{aligned}$$

What is the solution (x, y) to the given system of equations?

- A. $(4, 19)$
- B. $(7, 19)$
- C. $(19, 4)$
- D. $(19, 7)$

Question ID 1605a215

Assessment	Test	Domain	Skill	Difficulty
SAT	Math	Algebra	Systems of two linear equations in two variables	Easy

ID: 1605a215

$$\begin{aligned}x &= 8 \\ x + 3y &= 26\end{aligned}$$

The solution to the given system of equations is (x, y) . What is the value of y ?

Question ID edf8a6ae

Assessment	Test	Domain	Skill	Difficulty
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ID: edf8a6ae

$$\begin{aligned}5x &= 15 \\ -4x + y &= -2\end{aligned}$$

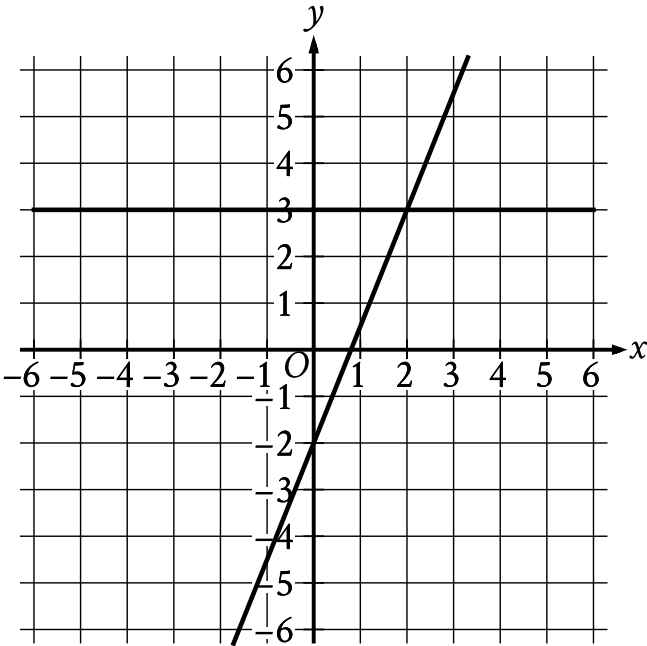
The solution to the given system of equations is (x, y) . What is the value of $x + y$?

- A. -17
- B. -13
- C. 13
- D. 17

Question ID ea278c09

Assessment	Test	Domain	Skill	Difficulty
SAT	Math	Algebra	Systems of two linear equations in two variables	Easy

ID: ea278c09



The graph of a system of linear equations is shown. What is the solution (x, y) to the system?

- A. $(0, 3)$
- B. $(1, 3)$
- C. $(2, 3)$
- D. $(3, 3)$

Question ID ea07c5fa

Assessment	Test	Domain	Skill	Difficulty
SAT	Math	Algebra	Systems of two linear equations in two variables	Easy

ID: ea07c5fa

Connor has c dollars and Maria has m dollars. Connor has 4 times as many dollars as Maria, and together they have a total of \$25.00. Which system of equations represents this situation?

- A. $c = 4m$
 $c + m = 25$
- B. $m = 4c$
 $c + m = 25$
- C. $c = 25m$
 $c + m = 4$
- D. $m = 25c$
 $c + m = 4$

Question ID b84c49da

Assessment	Test	Domain	Skill	Difficulty
SAT	Math	Algebra	Systems of two linear equations in two variables	Easy

ID: b84c49da

$$\begin{aligned}y &= 12x - 20 \\ y &= 28\end{aligned}$$

What is the solution (x, y) to the given system of equations?

- A. $(4, 28)$
- B. $(20, 28)$
- C. $(28, 4)$
- D. $(28, 20)$

Question ID 0d1a1f0c

Assessment	Test	Domain	Skill	Difficulty
SAT	Math	Algebra	Systems of two linear equations in two variables	Easy

ID: 0d1a1f0c

$$\begin{aligned}x &= 4 \\ y &= 5 - x\end{aligned}$$

The solution to the given system of equations is (x, y) . What is the value of y ?

- A. 1
- B. 4
- C. 5
- D. 9

Question ID e9e6b891

Assessment	Test	Domain	Skill	Difficulty
SAT	Math	Algebra	Systems of two linear equations in two variables	Easy

ID: e9e6b891

$$\begin{aligned}y &= -3x \\ 4x + y &= 15\end{aligned}$$

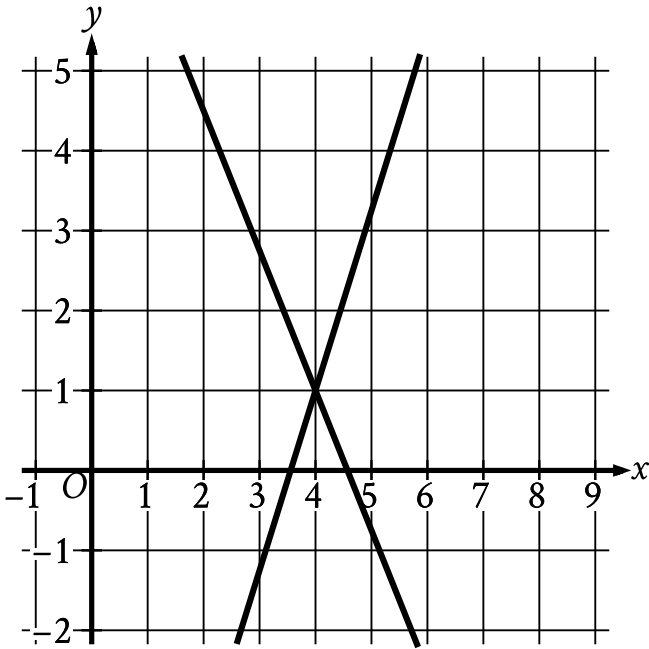
The solution to the given system of equations is (x, y) . What is the value of x ?

- A. 1
- B. 5
- C. 15
- D. 45

Question ID bd1bc98b

Assessment	Test	Domain	Skill	Difficulty
SAT	Math	Algebra	Systems of two linear equations in two variables	Easy

ID: bd1bc98b



The graph of a system of linear equations is shown. The solution to the system is (x, y) . What is the value of x ?

Question ID 057aa645

Assessment	Test	Domain	Skill	Difficulty
SAT	Math	Algebra	Systems of two linear equations in two variables	Easy

ID: 057aa645

$$\begin{aligned}y &= 4 \\ x &= y + 6\end{aligned}$$

The solution to the given system of equations is (x, y) . What is the value of x ?

- A. 10
- B. 6
- C. 4
- D. 2

Question ID cfbc01f4

Assessment	Test	Domain	Skill	Difficulty
SAT	Math	Algebra	Systems of two linear equations in two variables	Easy

ID: cfbc01f4

$$\begin{aligned} 3x &= 12 \\ -3x + y &= -6 \end{aligned}$$

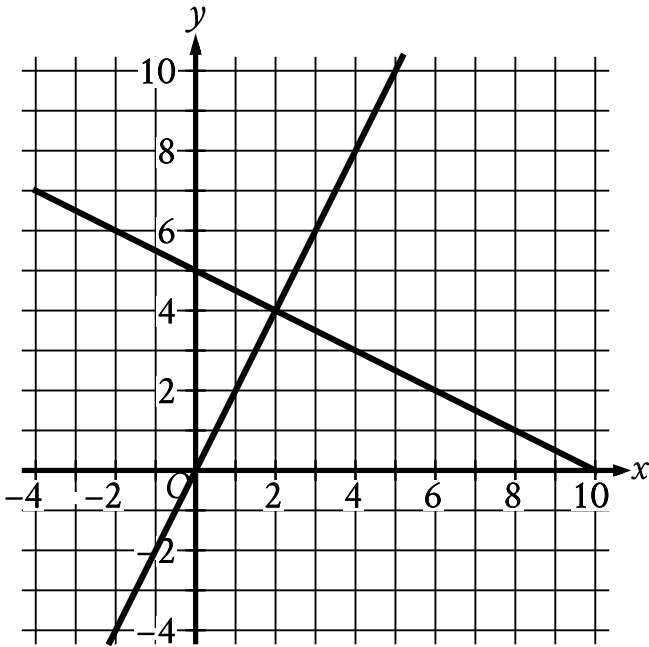
The solution to the given system of equations is (x, y) . What is the value of y ?

- A. -3
- B. 6
- C. 18
- D. 30

Question ID 773184de

Assessment	Test	Domain	Skill	Difficulty
SAT	Math	Algebra	Systems of two linear equations in two variables	Easy

ID: 773184de



The graph of a system of linear equations is shown. What is the solution (x, y) to the system?

- A. $(0, 5)$
- B. $(2, 4)$
- C. $(5, 10)$
- D. $(10, 0)$