

Group number:

Grade 8 general

What is the system of equations?

- a) Two numbers that are equal
- b) Two or more equations that have different variables
- c) Two or more equations that have the same variables

What is the solution of linear system of equations?

- a) Infinitely many solutions
- b) One solution
- c) No solution

If a system of equations has no solution, what does the graph look like?

- a) Parallel lines
- b) Same lines
- c) Intersecting lines

How many solutions this system have?

- a) One solution
- b) Two solutions
- c) No solution
- d) Infinitely many solutions

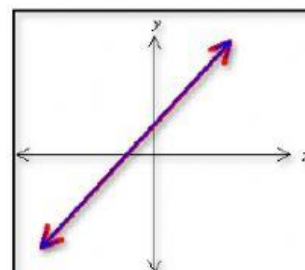
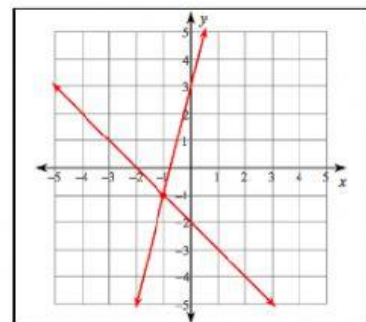
Parallel lines never intersect because

- a) They have same y-intercept
- b) They have different y-intercept
- c) They have the same slopes and different y-intercept
- d) They have different slopes and same y-intercept

Choose the correct graph of the given system of equations and find the point of intersection

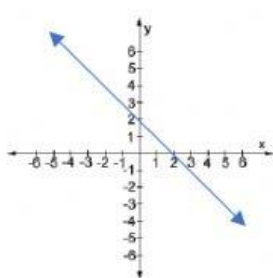
$$y = -x$$

$$y = x + 6$$

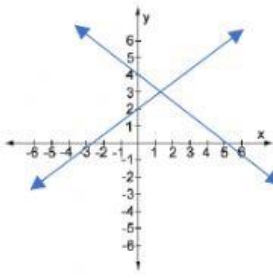


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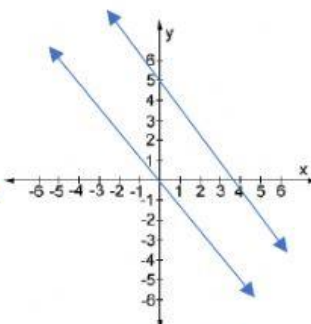
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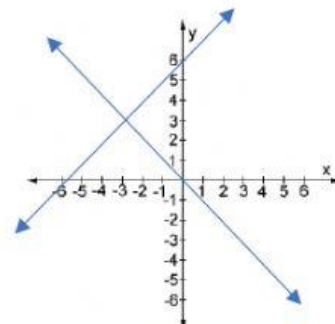
A



B



C



D

What is the point of intersection?

You and your friend go to Hardees for lunch. You order 3 soft drinks and 3 burgers and your total bill is 70 AED. Your friend's bill is 30 AED for 2 soft drink and 1 burger. How much do soft drinks cost? How much do burgers cost?

**Done by:
Ms. Muna
Dawah**