A SKATE PARK

JACK

$y = -\frac{1}{2}x + 4$

NOLAN

$y = 3x - 3$

Where will Jack and Nolan meet?

B LIBRARY

STELLA

$y = x + 4$

SANTIAGO

$y = -\frac{1}{2}x - 5$

Where will Stella and Santiago meet?

C SKATING RINK

CORINNE	MOLLY
$4x + 2y = -12$	$y = 4x$

Where will Corinne and Molly meet?

D POOL

TRENT	ANDRE
$y = -x$	$y = -\frac{1}{2}x + 3$

Where will Trent and Andre meet?

E ICE CREAM SHOP

INEZ	LAURA
$3x + y = 5$	$y = -\frac{3}{2}x - 1$

Where will Inez and Laura meet?

F AIRPORT

REUBEN	MARCEL
$y = \frac{3}{2}x + 4$	$y = -\frac{5}{2}x - 4$

Where will Reuben and Marcel meet?

G AQUARIUM

BOBBY	DUSTIN
$-2x + 2y = 4$	$y = -\frac{1}{4}x + 7$

Where will Bobby and Dustin meet?

H BOWLING ALLEY

ARTURO	HUDSON
$y = -x + 3$	$y = \frac{2}{5}x - 4$

Where will Arturo and Hudson meet?

I MOVIE THEATER

LAURIE

$$y = \frac{2}{3}x - 2$$

MADELINE

$$y = 2x + 6$$

Where will Laurie and Madeline meet?

J POST OFFICE

DEANGELO

$$y = \frac{2}{7}x$$

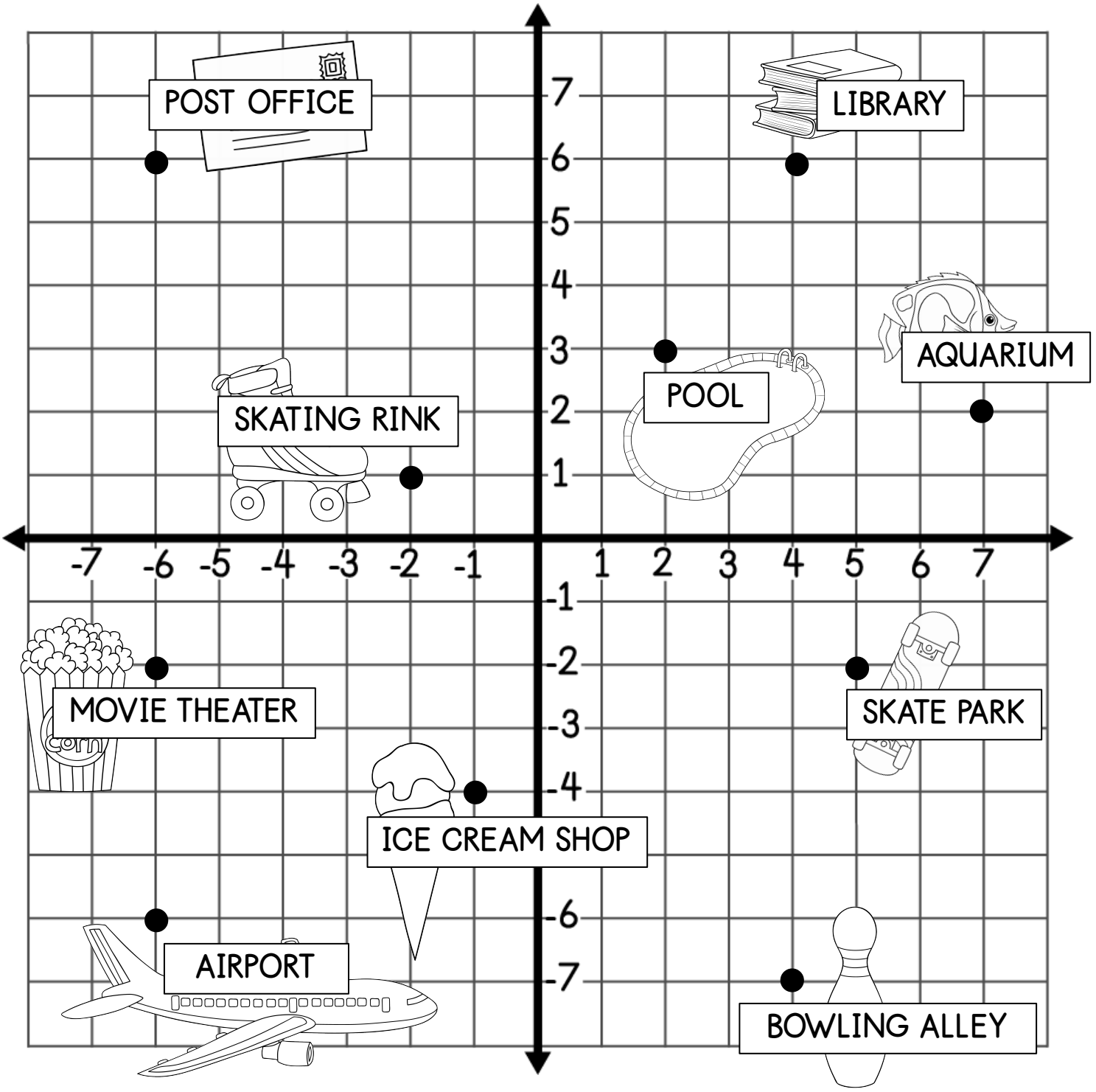
CRUZ

$$y = x - 5$$

Where will Deangelo and Cruz meet?

GRAPHING SYSTEMS OF EQUATIONS SCAVENGER HUNT MAP

After graphing your system of equations, use the map below to determine where each pair of friends will meet.



Unit: Systems
Scavenger Hunt

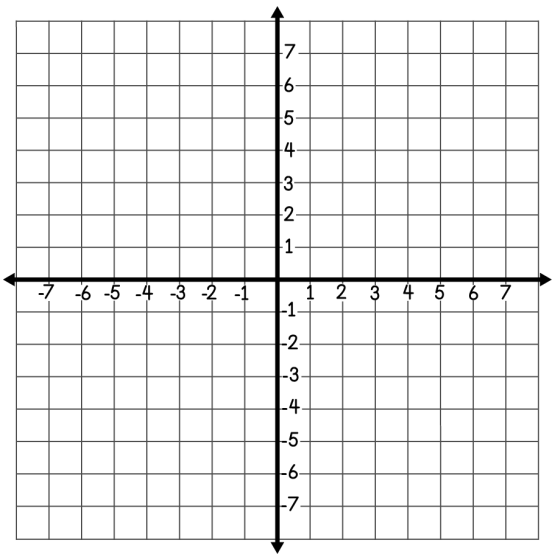
Name _____

Date _____ Pd _____

GRAPHING SYSTEMS OF EQUATIONS

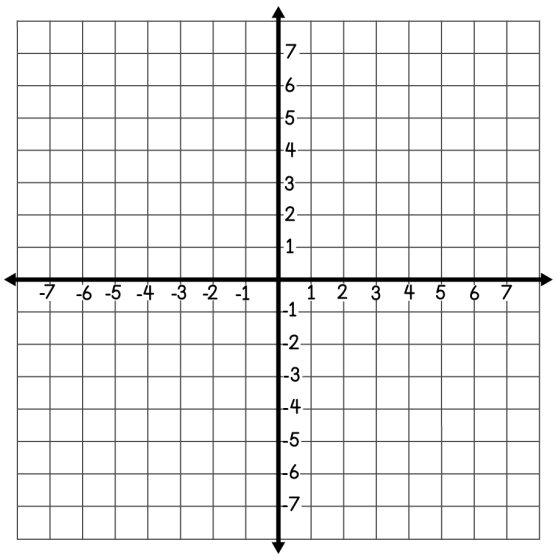
Each card will give the locations of two friends represented by linear equations. Graph and solve the system of equations. Then use the map to determine the location where the pair of friends will meet.

A



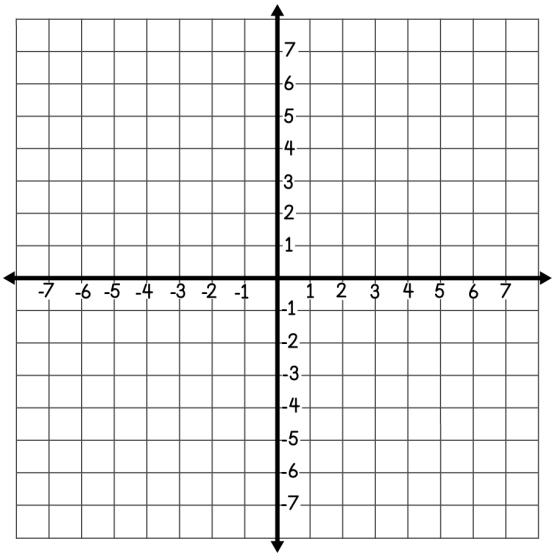
Solution: _____ Location: _____

B



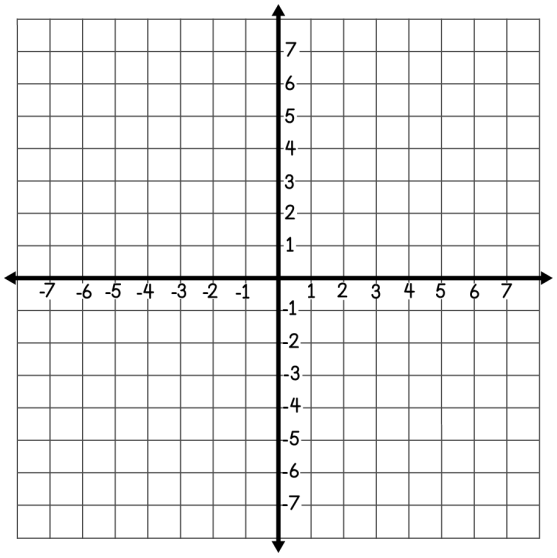
Solution: _____ Location: _____

C



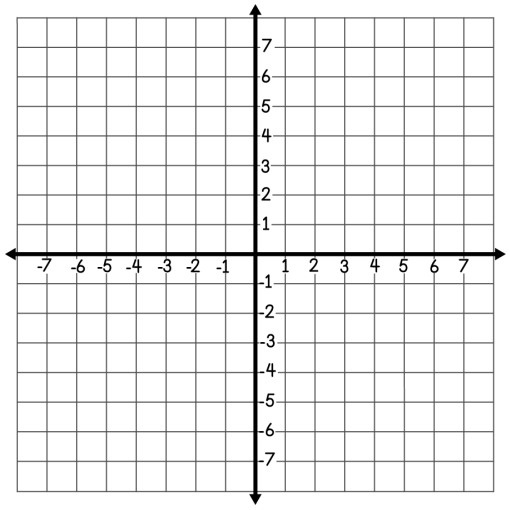
Solution: _____ Location: _____

D



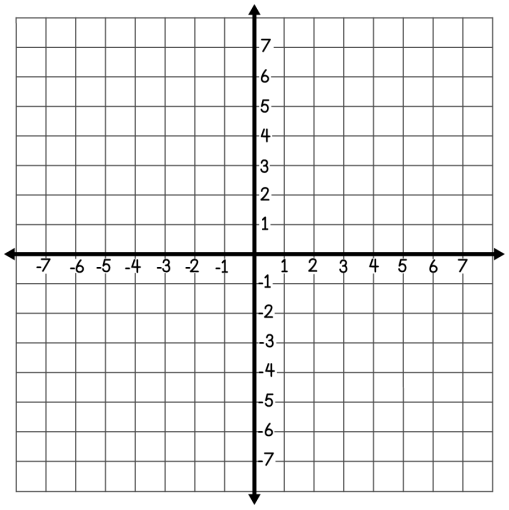
Solution: _____ Location: _____

E



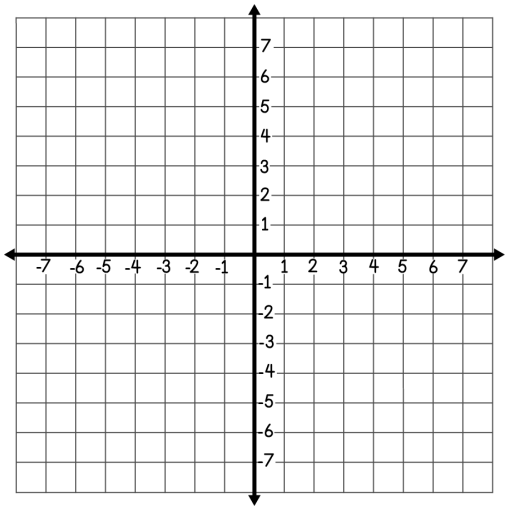
Solution: _____ Location: _____

F



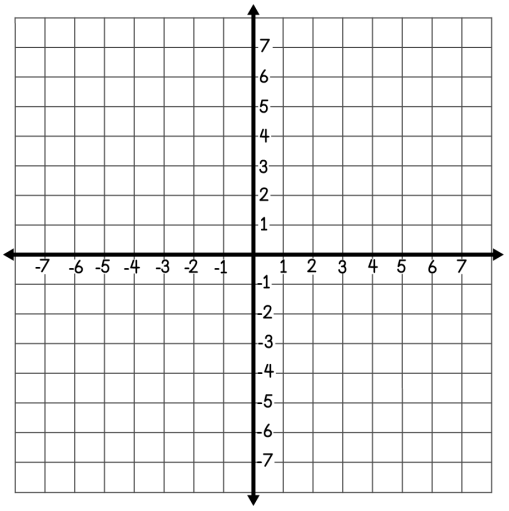
Solution: _____ Location: _____

G



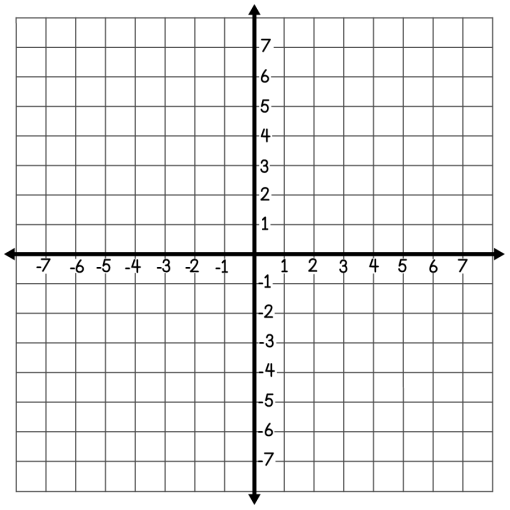
Solution: _____ Location: _____

H



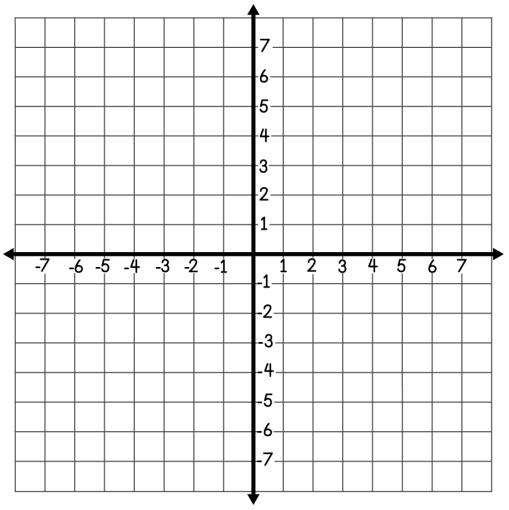
Solution: _____ Location: _____

I



Solution: _____ Location: _____

J



Solution: _____ Location: _____

Unit: Systems Scavenger Hunt

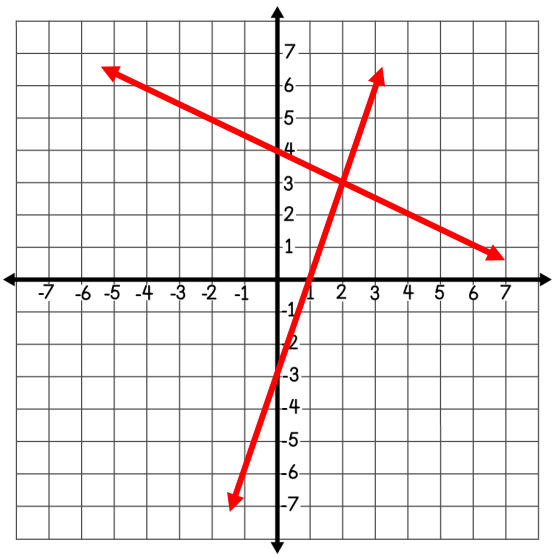
Name Answer Key

Date _____ Pd _____

GRAPHING SYSTEMS OF EQUATIONS

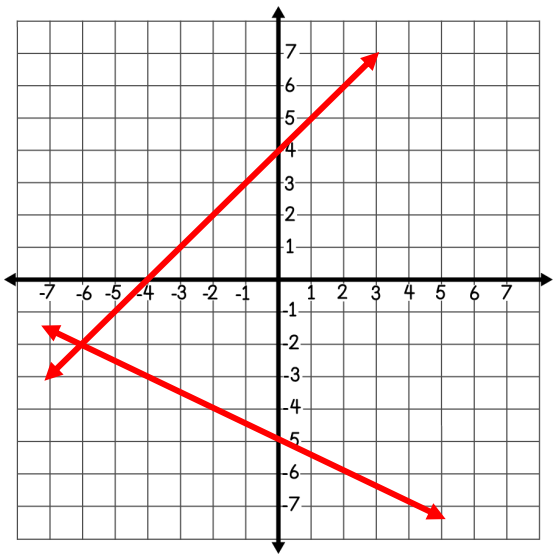
Each card will give the locations of two friends represented by linear equations. Graph and solve the system of equations. Then use the map to determine the location where the pair of friends will meet.

A



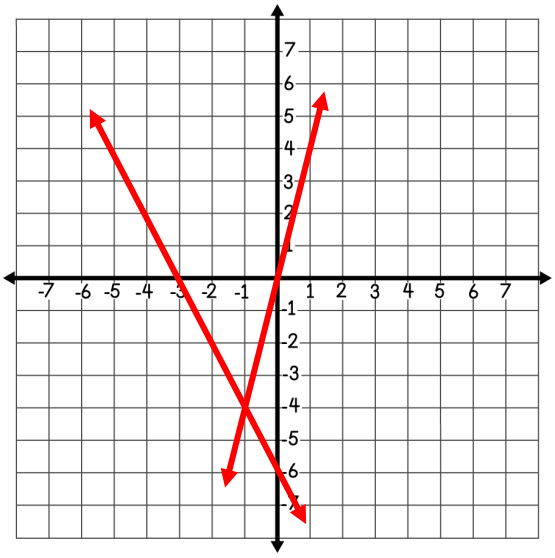
Solution: (2, 3) Location: Pool

B



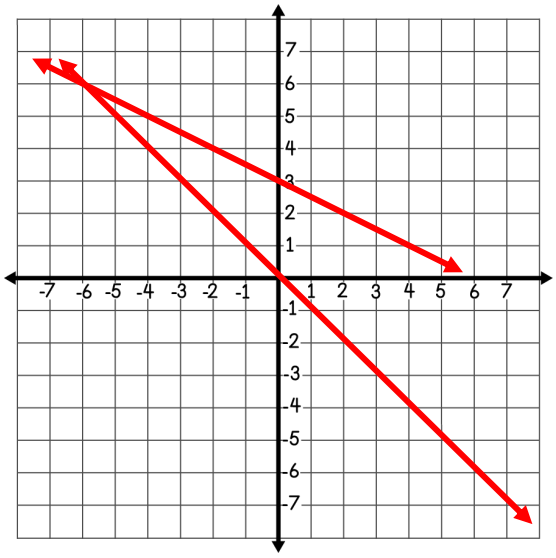
Solution: (-6, -2) Location: Movie theater

C



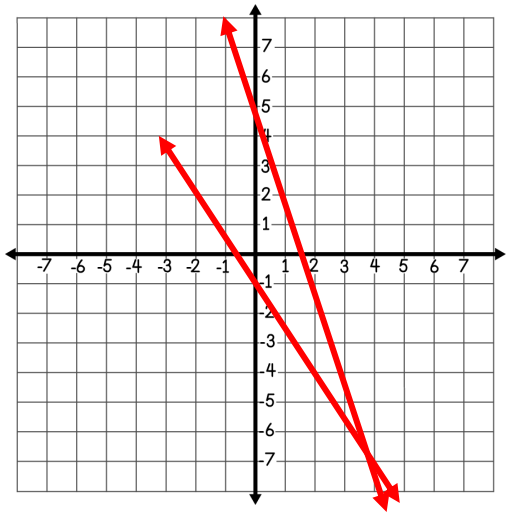
Solution: (-1, -4) Location: Ice cream shop

D



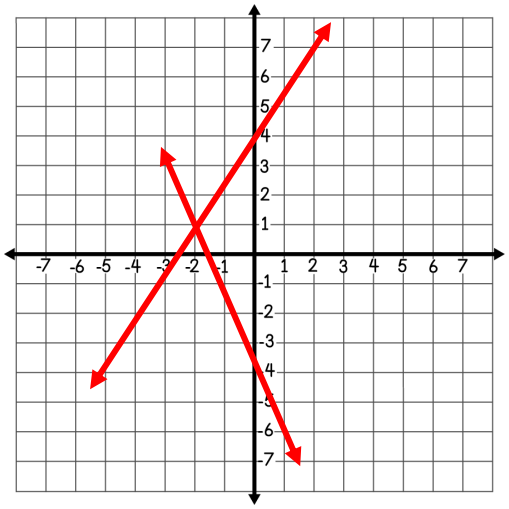
Solution: (-6, 6) Location: Post office

E



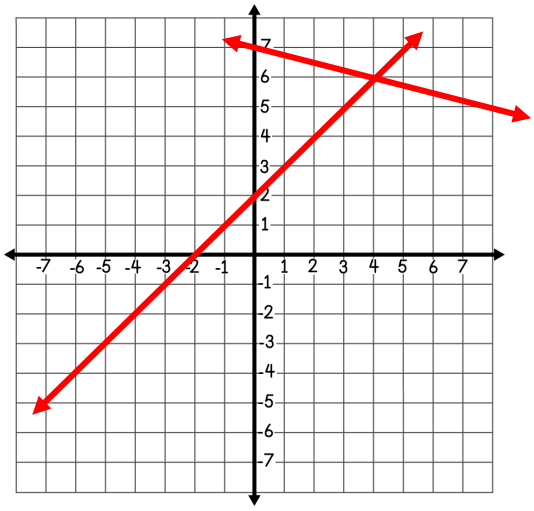
Solution: (4, -7) Location: Bowling alley

F



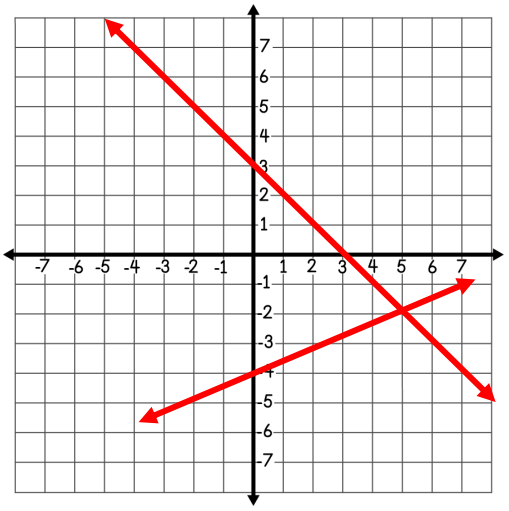
Solution: (-2, 1) Location: Skating rink

G



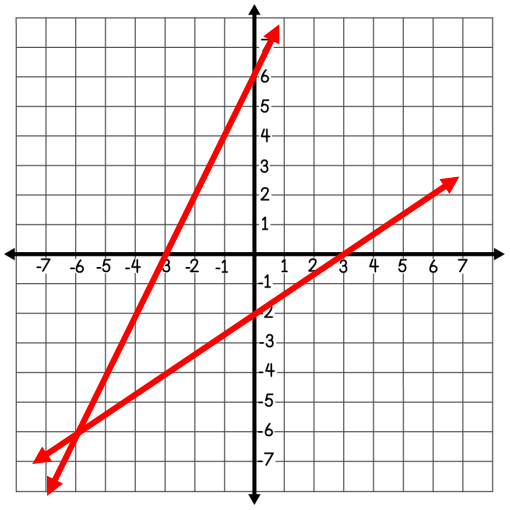
Solution: (4, 6) Location: Library

H



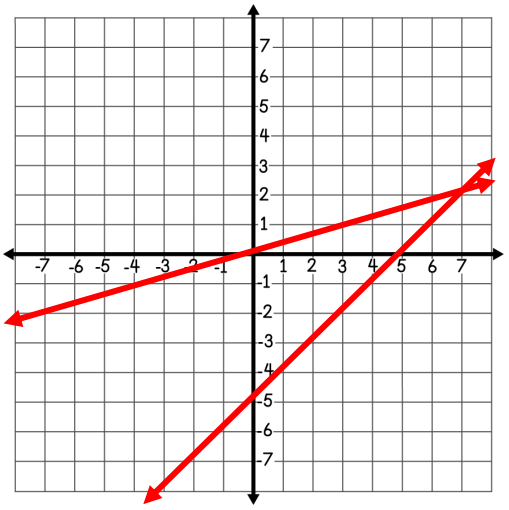
Solution: (5, -2) Location: Skate park

I



Solution: (-6, -6) Location: Airport

J



Solution: (7, 2) Location: Aquarium