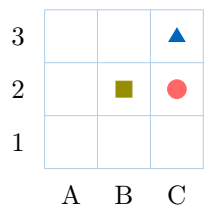


COORDINATE GEOMETRY

A GRID

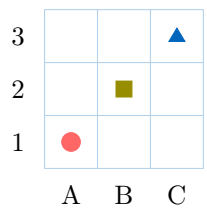
A.1 FINDING PLACES ON A GRID

Ex 1:



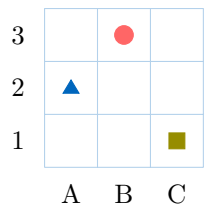
The circle is in square ☐ A ☐ 1
☐ B ☐ 2 .
☐ C ☐ 3

Ex 2:



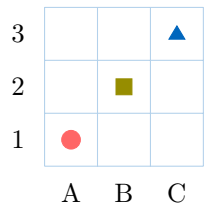
The green square is in square ☐ A ☐ 1
☐ B ☐ 2 .
☐ C ☐ 3

Ex 3:



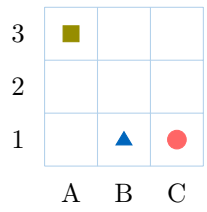
The triangle is in square ☐ A ☐ 1
☐ B ☐ 2 .
☐ C ☐ 3

Ex 4:



The circle is in square ☐ A ☐ 1
☐ B ☐ 2 .
☐ C ☐ 3

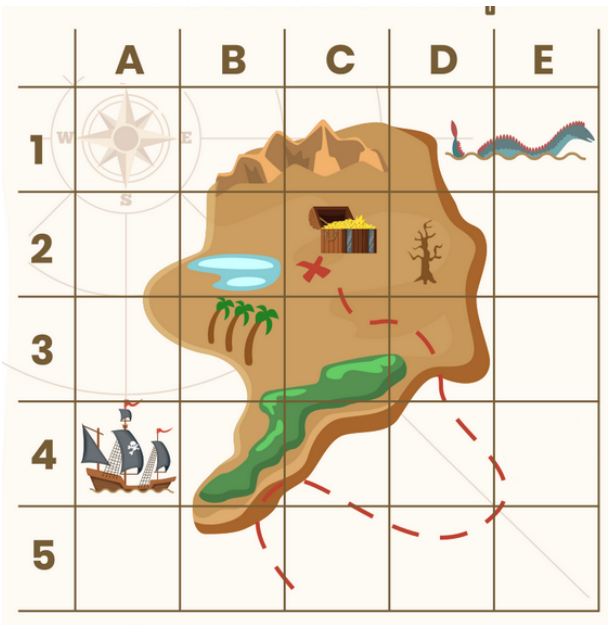
Ex 5:



The triangle is in square ☐ A ☐ 1
☐ B ☐ 2 .
☐ C ☐ 3

A.2 FINDING ON MAP

Ex 6:



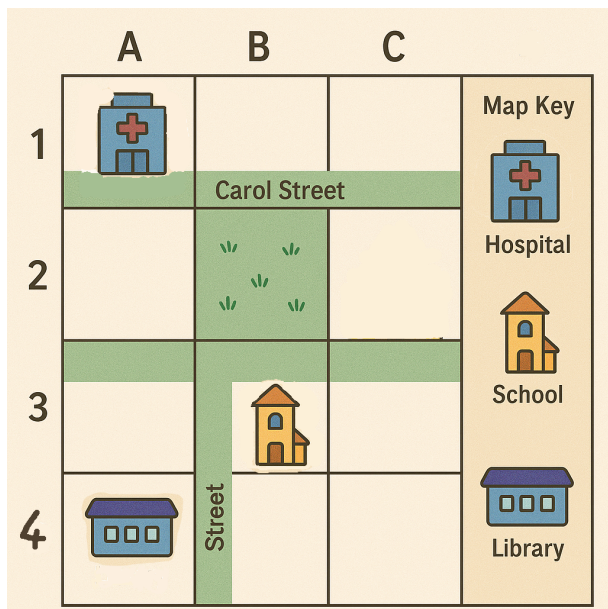
Pirate Ship ☐ A ☐ 1
☐ B ☐ 2
☐ C ☐ 3 .
☐ D ☐ 4
☐ E ☐ 5

Palm Trees ☐ A ☐ 1
☐ B ☐ 2
☐ C ☐ 3 .
☐ D ☐ 4
☐ E ☐ 5

Oasis ☐ A ☐ 1
☐ B ☐ 2
☐ C ☐ 3 .
☐ D ☐ 4
☐ E ☐ 5

Treasure ☐ A ☐ 1
☐ B ☐ 2
☐ C ☐ 3 .
☐ D ☐ 4
☐ E ☐ 5

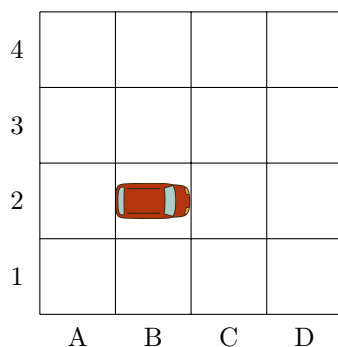
Ex 7:



- Hospital ☐ A ☐ 1
☐ B ☐ 2
☐ C ☐ 3
☐ 4
- School ☐ A ☐ 1
☐ B ☐ 2
☐ C ☐ 3
☐ 4
- Library ☐ A ☐ 1
☐ B ☐ 2
☐ C ☐ 3
☐ 4

A.3 DRIVING AND TURNING: CAR'S FINAL POSITION

Ex 8:



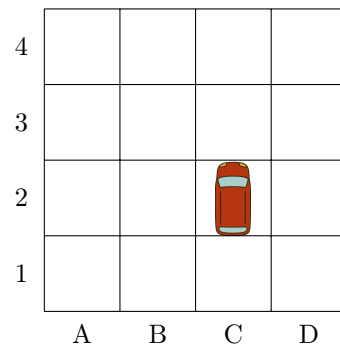
The car starts at B2, facing to the right.
Follow the instructions:

1. The car turns left.
2. The car moves 2 spaces forward.

What is the final position of the car?

- ☐ A ☐ 1
☐ B ☐ 2
☐ C ☐ 3
☐ D ☐ 4

Ex 9:



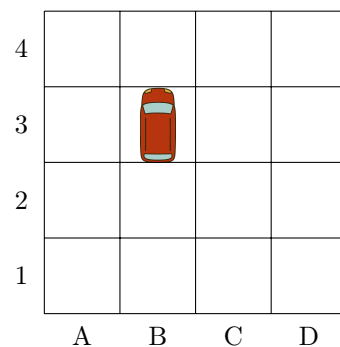
The car starts at C2, facing up.
Follow the instructions:

1. The car turns right.
2. The car moves 1 space forward.

What is the final position of the car?

- ☐ A ☐ 1
☐ B ☐ 2
☐ C ☐ 3
☐ D ☐ 4

Ex 10:



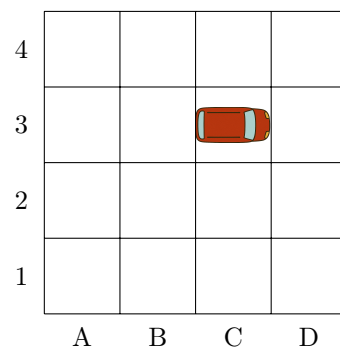
The car starts at B3, facing up.
Follow the instructions:

1. The car turns right.
2. The car moves 1 space back.

What is the final position of the car?

- ☐ A ☐ 1
☐ B ☐ 2
☐ C ☐ 3
☐ D ☐ 4

Ex 11:



The car starts at C3, facing right.
Follow the instructions:

1. The car turns left.
2. The car moves 2 spaces back.

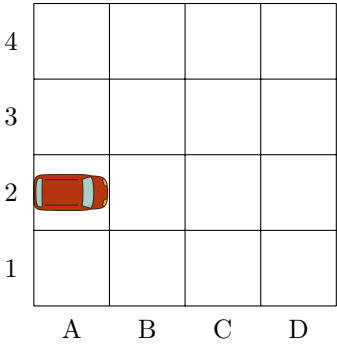
What is the final position of the car?

- ☐ A
 ☐ 1
- ☐ B
 ☐ 2
- ☐ C
 ☐ 3
- ☐ D
 ☐ 4

A.4

DRIVING AND TURNING: CAR'S FINAL POSITION

Ex 12:



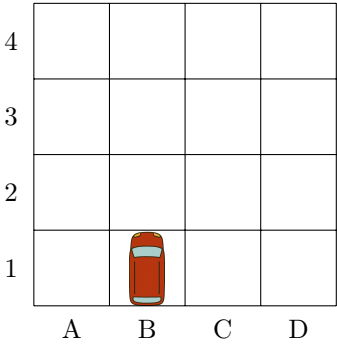
The car starts at A2, facing to the right.
Follow the instructions:

1. The car moves 2 spaces forward.
2. The car turns left.
3. The car moves 1 space forward.

What is the final position of the car?

- ☐ A
 ☐ 1
- ☐ B
 ☐ 2
- ☐ C
 ☐ 3
- ☐ D
 ☐ 4

Ex 13:



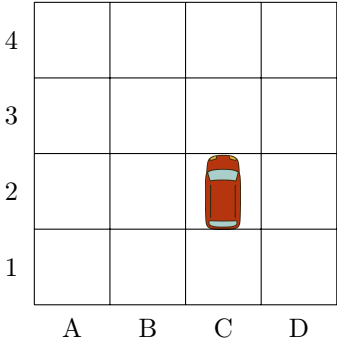
The car starts at B1, facing up.
Follow the instructions:

1. The car moves 1 space forward.
2. The car turns right.

3. The car moves 2 spaces forward.
- What is the final position of the car?

- ☐ A
 ☐ 1
- ☐ B
 ☐ 2
- ☐ C
 ☐ 3
- ☐ D
 ☐ 4

Ex 14:



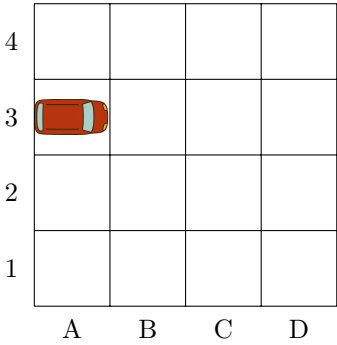
The car starts at C2, facing up.
Follow the instructions:

1. The car moves 1 space back.
2. The car turns left.
3. The car moves 2 spaces forward.

What is the final position of the car?

- ☐ A
 ☐ 1
- ☐ B
 ☐ 2
- ☐ C
 ☐ 3
- ☐ D
 ☐ 4

Ex 15:



The car starts at A3, facing right.
Follow the instructions:

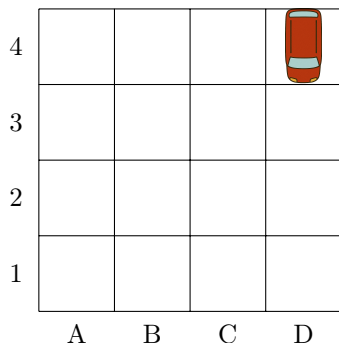
1. The car moves 3 spaces forward.
2. The car turns right.
3. The car moves 2 spaces forward.
4. The car turns right.
5. The car moves 3 spaces forward.

What is the final position of the car?



- ☐ A ☐ 1
☐ B ☐ 2
☐ C ☐ 3
☐ D ☐ 4

Ex 16:



The car starts at D4, facing down.
Follow the instructions:

1. The car moves 2 spaces forward.
2. The car turns left.
3. The car moves 1 space back.
4. The car turns left.
5. The car moves 2 spaces forward.

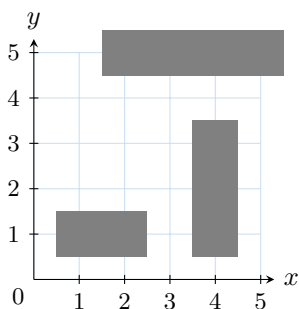
What is the final position of the car?

- ☐ A ☐ 1
☐ B ☐ 2
☐ C ☐ 3
☐ D ☐ 4

B COORDINATE PLANE

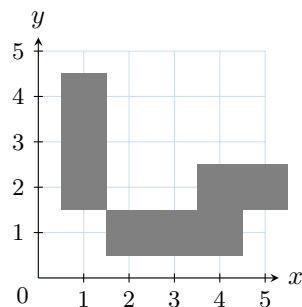
B.1 TARGETING SHIPS WITH COORDINATES

MCQ 17: In Battleship, you guess points on a grid to find ships, shown as gray rectangles. Player 1 guesses the point (2,3). Check the grid below. Is (2,3) on a ship?



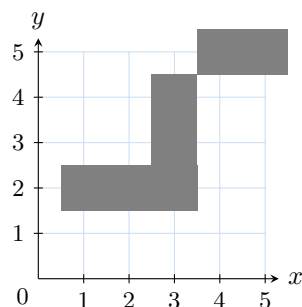
- ☐ Hit
☐ Miss

MCQ 18: In Battleship, you guess points on a grid to find ships, shown as gray rectangles. Player 1 guesses the point (4,2). Check the grid below. Is (4,2) on a ship?



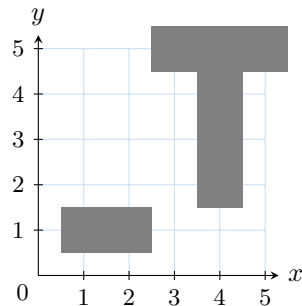
- ☐ Hit
☐ Miss

MCQ 19: In Battleship, you guess points on a grid to find ships, shown as gray rectangles. Player 1 guesses the point (3,4). Check the grid below. Is (3,4) on a ship?



- ☐ Hit
☐ Miss

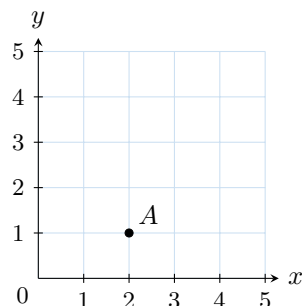
MCQ 20: In Battleship, you guess points on a grid to find ships, shown as gray rectangles. Player 1 guesses the point (2,2). Check the grid below. Is (2,2) on a ship?



- ☐ Hit
☐ Miss

B.2 FINDING THE COORDINATES OF A POINT

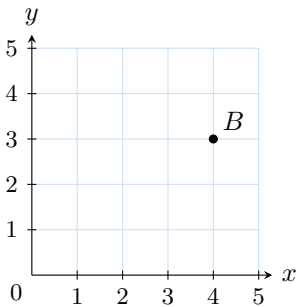
Ex 21:



Find the coordinates of the point:

A(,)

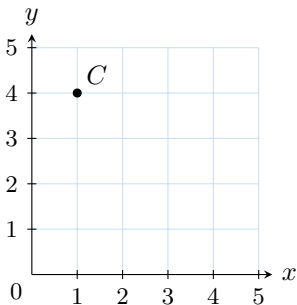
Ex 22:



Find the coordinates of the point:

B(,)

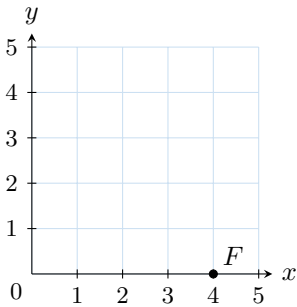
Ex 23:



Find the coordinates of the point:

C(,)

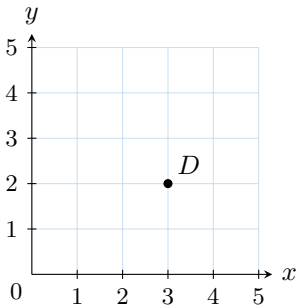
Ex 24:



Find the coordinates of the point:

F(,)

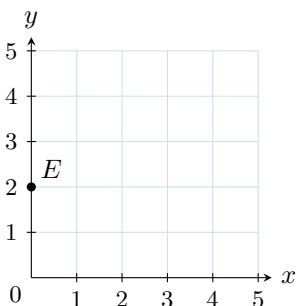
Ex 25:



Find the coordinates of the point:

D(,)

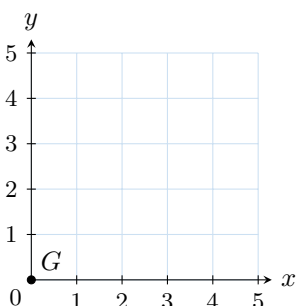
Ex 26:



Find the coordinates of the point:

E(,)

Ex 27:



Find the coordinates of the point:

G(,)

