

COORDINATE GEOMETRY

A 4 DIRECTIONS

A.1 FINDING DIRECTION IN BEDROOM

Ex 1:



The cat is ☐ above
☐ below
☐ to the right of
☐ to the left of

the dog.

Ex 2:



The dog is ☐ above
☐ below
☐ to the right of
☐ to the left of

the shelf.

Ex 3:



The boy is ☐ above
☐ below
☐ to the right of
☐ to the left of

the windows.

Ex 4:



The bedside lamp is ☐ above
☐ below
☐ to the right of
☐ to the left of

the cat.

A.2 FINDING DIRECTION IN CLASSROOM

Ex 5:



The cat is ☐ above
☐ below
☐ to the right of
☐ to the left of

the dog.

Ex 6:



The fish is ☐ above
☐ below
☐ to the right of
☐ to the left of

the kid at left.

Ex 7:



The teacher is ☐ above
☐ below
☐ to the right of
☐ to the left of

the dog.

Ex 8:



The kid at right is ☐ above
☐ below
☐ to the right of
☐ to the left of

the windows.

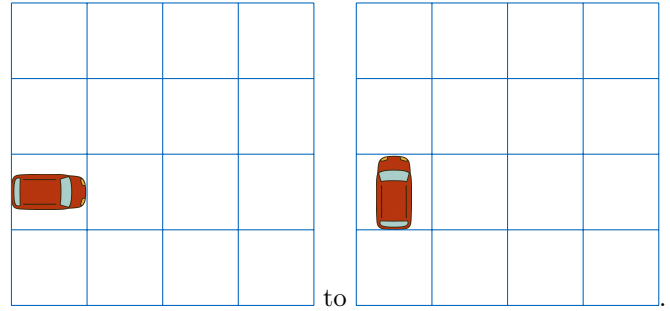
B 4 MOVEMENTS

B.1 MOVING A CAR FORWARD OR BACKWARD ON A GRID

Ex 9:

B.2 TURNING CAR ON GRID

Ex 13:



From

to

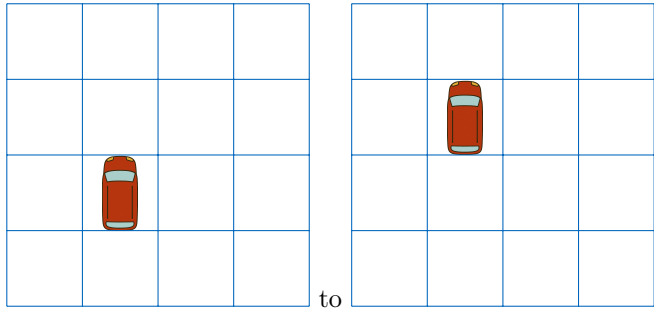
The car turns ☐ right
☐ left

From

to

The car moves spaces ☐ forward
☐ backward

Ex 10:

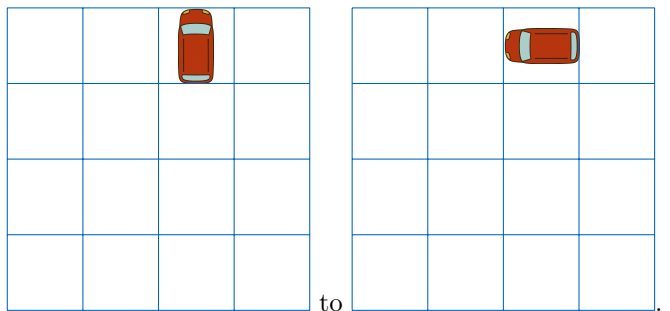


From

to

The car moves space ☐ forward
☐ backward

Ex 14:

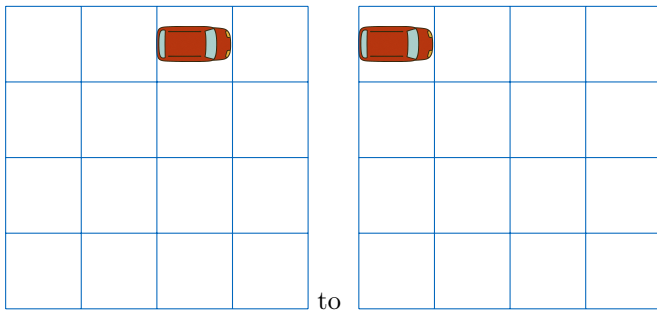


From

to

The car turns ☐ right
☐ left

Ex 11:

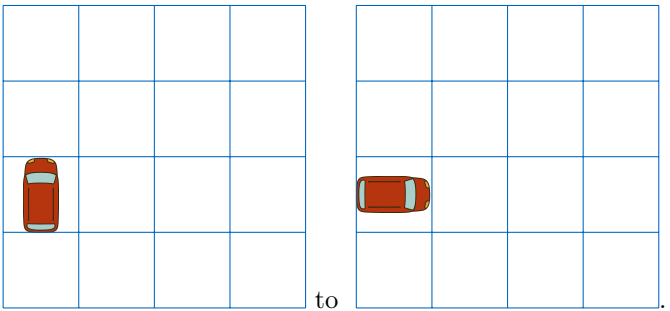


From

to

The car moves spaces ☐ forward
☐ backward

Ex 15:

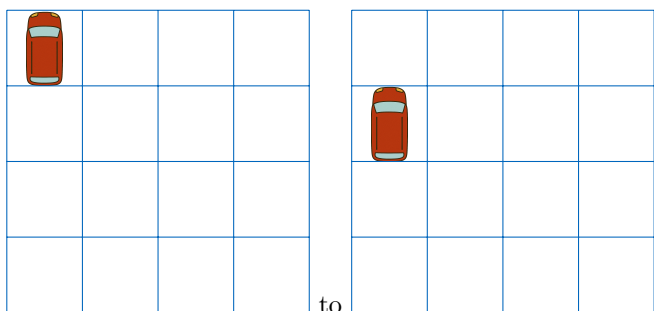


From

to

The car turns ☐ right
☐ left

Ex 12:

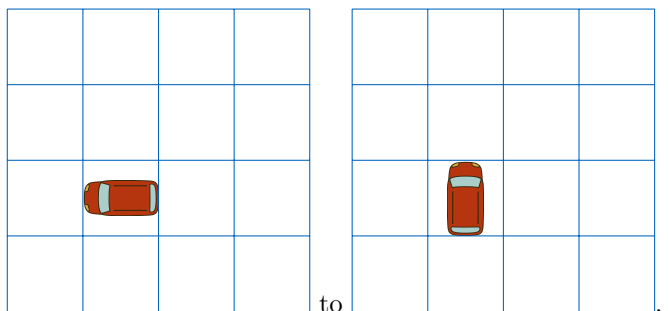


From

to

The car moves space ☐ forward
☐ backward

Ex 16:



From

to

The car turns ☐ right
☐ left

C MAP

C.1 FINDING DIRECTIONS ON THE TREASURE MAP

Ex 17:



- The cloud is
- ☐ below
 - ☐ to the right of
 - ☐ to the left of
 - ☐ above
- the mountain.

Ex 18:



- The treasure chest is
- ☐ above
 - ☐ below
 - ☐ to the right of
 - ☐ to the left of
- the X.

Ex 19:



- The skull is
- ☐ above
 - ☐ below
 - ☐ to the right of
 - ☐ to the left of
- the X.

Ex 20:



- The house is
- ☐ above
 - ☐ below
 - ☐ to the right of
 - ☐ to the left of
- the mountain.

Ex 21:

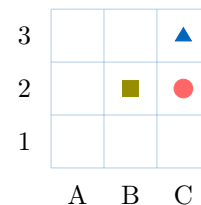


- The palm trees are
- ☐ above
 - ☐ below
 - ☐ to the right of
 - ☐ to the left of
- the house.

D GRID

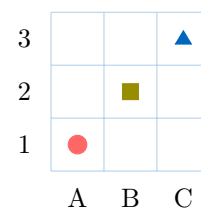
D.1 FINDING PLACES ON A GRID

Ex 22:



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

Ex 23:

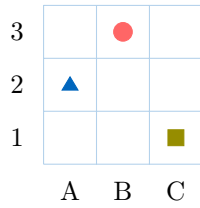


☐ A ☐ 1

The green square is in square ☐ B ☐ 2 .

☐ C ☐ 3

Ex 24:

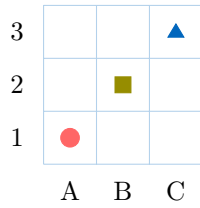


☐ A ☐ 1

The triangle is in square ☐ B ☐ 2 .

☐ C ☐ 3

Ex 25:

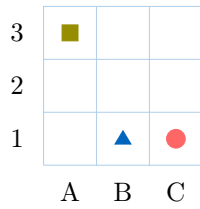


☐ A ☐ 1

The circle is in square ☐ B ☐ 2 .

☐ C ☐ 3

Ex 26:



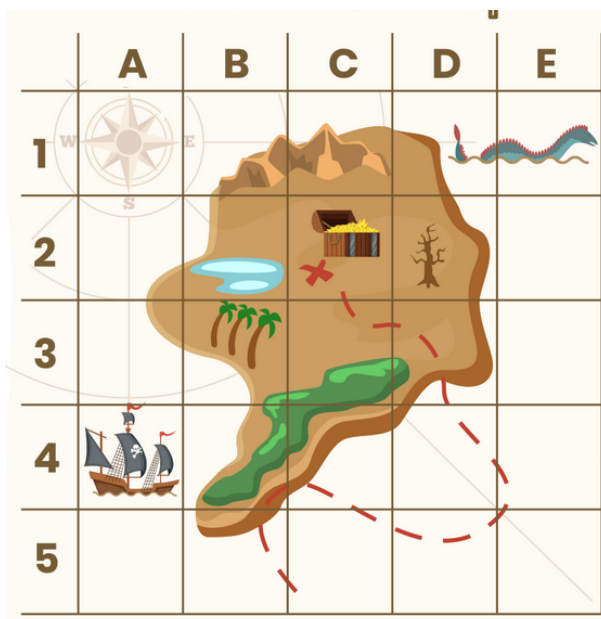
☐ A ☐ 1

The triangle is in square ☐ B ☐ 2 .

☐ C ☐ 3

D.2 FINDING ON MAP

Ex 27:



☐ A ☐ 1

☐ B ☐ 2

• Pirate Ship ☐ C ☐ 3 .

☐ D ☐ 4

☐ E ☐ 5

☐ A ☐ 1

☐ B ☐ 2

• Palm Trees ☐ C ☐ 3 .

☐ D ☐ 4

☐ E ☐ 5

☐ A ☐ 1

☐ B ☐ 2

• Oasis ☐ C ☐ 3 .

☐ D ☐ 4

☐ E ☐ 5

☐ A ☐ 1

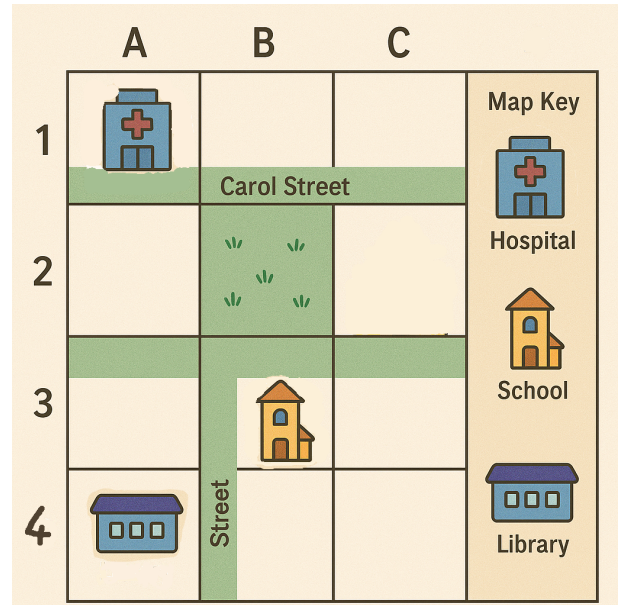
☐ B ☐ 2

• Treasure ☐ C ☐ 3 .

☐ D ☐ 4

☐ E ☐ 5

Ex 28:



☐ A ☐ 1

☐ B ☐ 2

• Hospital ☐ C ☐ 3 .

☐ D ☐ 4

☐ A ☐ 1

☐ B ☐ 2

• School ☐ C ☐ 3 .

☐ D ☐ 4

☐ A ☐ 1

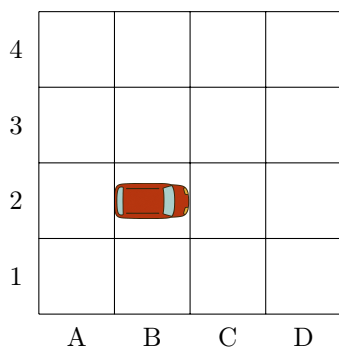
☐ B ☐ 2

• Library ☐ C ☐ 3 .

☐ D ☐ 4

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

Ex 29:



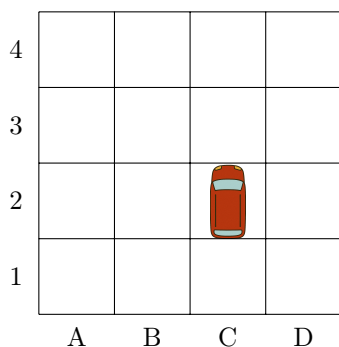
The car starts at B2, facing to the right.
Follow the instructions:

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

What is the final position of the car?

- | | |
|----------------------------|----------------------------|
| <input type="checkbox"/> A | <input type="checkbox"/> 1 |
| <input type="checkbox"/> B | <input type="checkbox"/> 2 |
| <input type="checkbox"/> C | <input type="checkbox"/> 3 |
| <input type="checkbox"/> D | <input type="checkbox"/> 4 |

Ex 30:



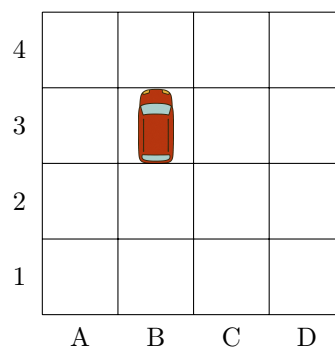
The car starts at C2, facing up.
Follow the instructions:

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

What is the final position of the car?

- | | |
|----------------------------|----------------------------|
| <input type="checkbox"/> A | <input type="checkbox"/> 1 |
| <input type="checkbox"/> B | <input type="checkbox"/> 2 |
| <input type="checkbox"/> C | <input type="checkbox"/> 3 |
| <input type="checkbox"/> D | <input type="checkbox"/> 4 |

Ex 31:



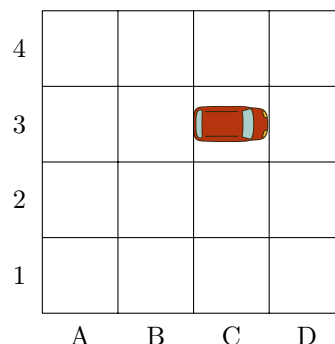
The car starts at B3, facing up.
Follow the instructions:

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

What is the final position of the car?

- | | |
|----------------------------|----------------------------|
| <input type="checkbox"/> A | <input type="checkbox"/> 1 |
| <input type="checkbox"/> B | <input type="checkbox"/> 2 |
| <input type="checkbox"/> C | <input type="checkbox"/> 3 |
| <input type="checkbox"/> D | <input type="checkbox"/> 4 |

Ex 32:



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?

- | | |
|----------------------------|----------------------------|
| <input type="checkbox"/> A | <input type="checkbox"/> 1 |
| <input type="checkbox"/> B | <input type="checkbox"/> 2 |
| <input type="checkbox"/> C | <input type="checkbox"/> 3 |
| <input type="checkbox"/> D | <input type="checkbox"/> 4 |