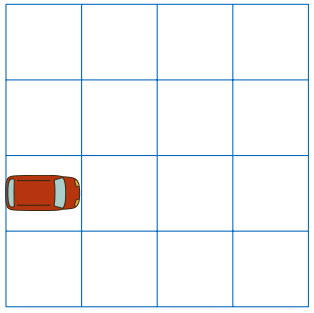
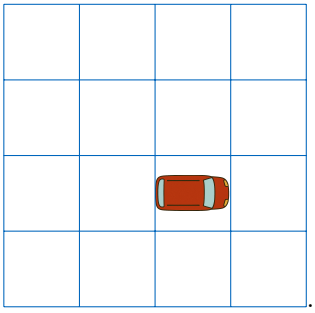
COORDINATE GEOMETRY

A 4 MOVEMENTS

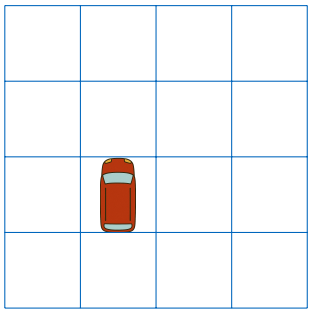
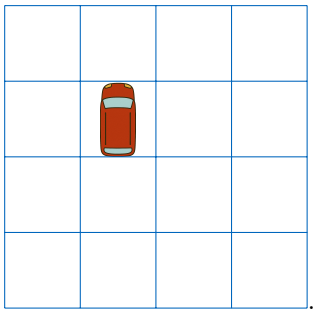
A.1 MOVING A CAR FORWARD OR BACKWARD ON A GRID

Ex 1:

From  to  .

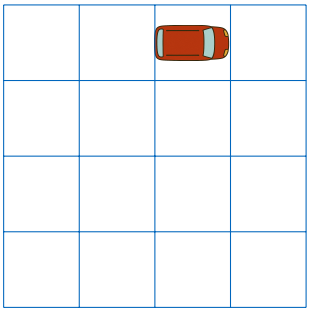
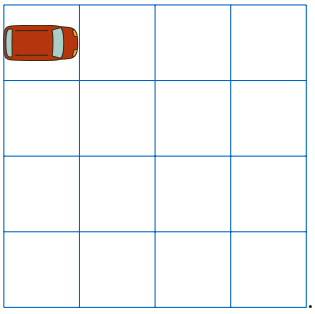
The car moves ☐ spaces ☐ forward ☐ backward .

Ex 2:

From  to  .

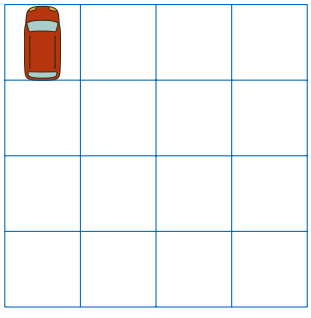
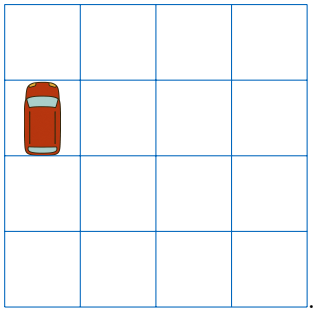
The car moves ☐ space ☐ forward ☐ backward .

Ex 3:

From  to  .

The car moves ☐ spaces ☐ forward ☐ backward .

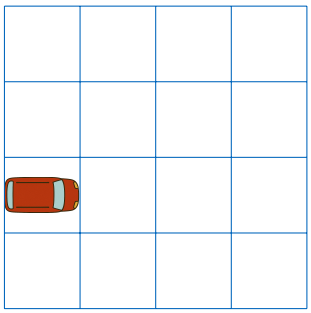
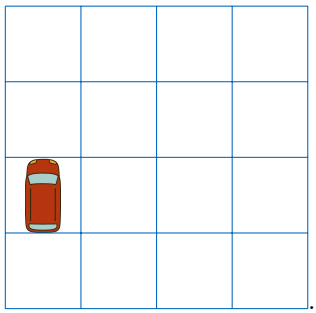
Ex 4:

From  to  .

The car moves ☐ space ☐ forward ☐ backward .

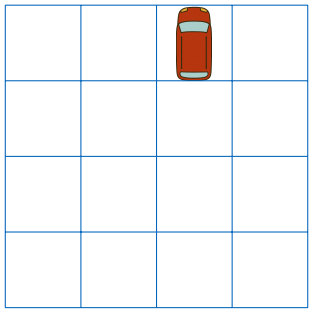
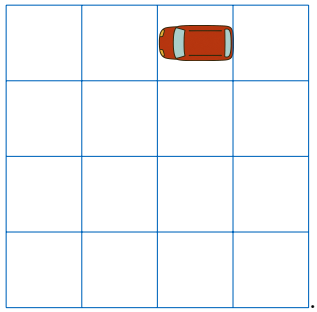
A.2 TURNING CAR ON GRID

Ex 5:

From  to  .

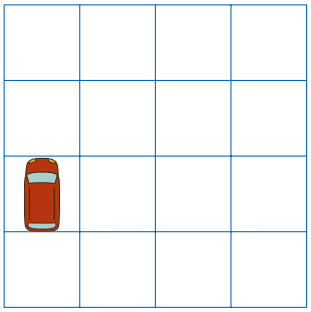
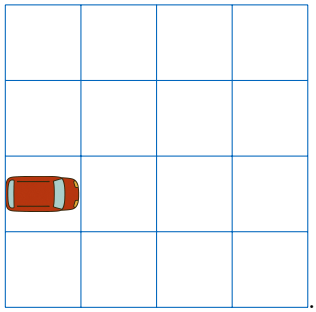
The car turns ☐ right ☐ left

Ex 6:

From  to  .

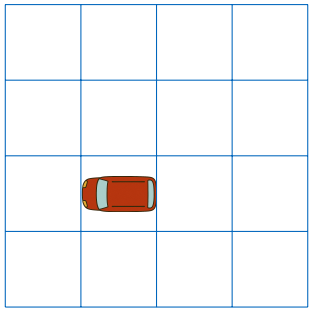
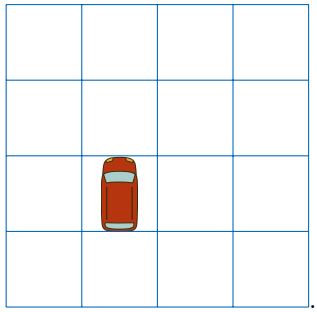
The car turns ☐ right ☐ left

Ex 7:

From  to  .

The car turns ☐ right ☐ left

Ex 8:

From  to  .

The car turns ☐ right ☐ left

B MAP

B.1 FINDING DIRECTIONS ON THE TREASURE MAP

Ex 9:

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

Ex 10:

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

Ex 11:

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

Ex 12:

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

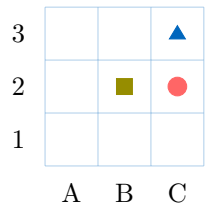
Ex 13:

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

C GRID

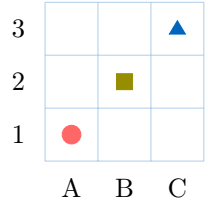
C.1 FINDING PLACES ON A GRID

Ex 14:



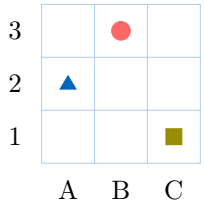
The circle is in square ☐ A ☐ 1 ☐ B ☐ 2 ☐ C ☐ 3 .

Ex 15:



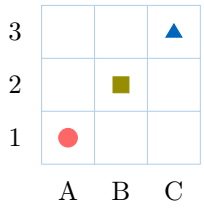
The green square is in square ☐ A ☐ 1 ☐ B ☐ 2 ☐ C ☐ 3 .

Ex 16:



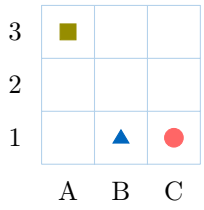
The triangle is in square ☐ A ☐ 1 ☐ B ☐ 2 ☐ C ☐ 3 .

Ex 17:



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

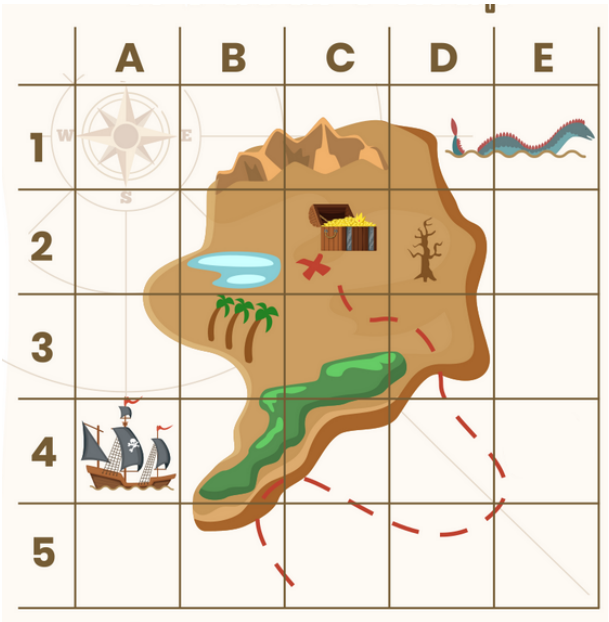
Ex 18:



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

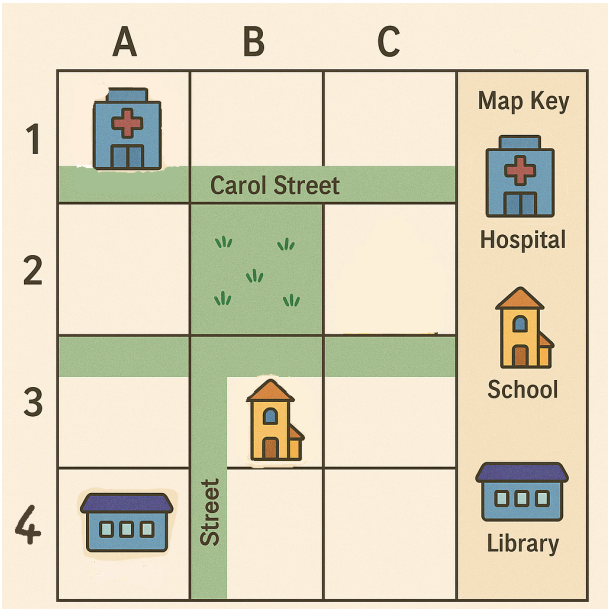
C.2 FINDING ON MAP

Ex 19:



- 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 .

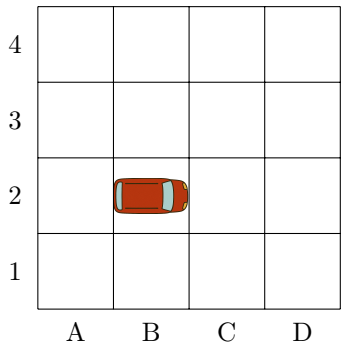
Ex 20:



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

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

Ex 21:



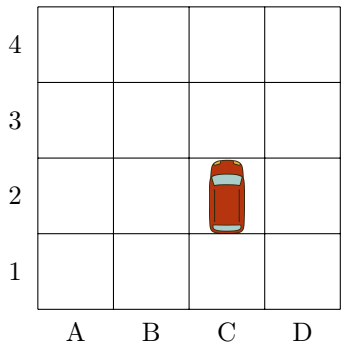
The car starts at B2, facing to the right.
Follow the instructions:

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 22:



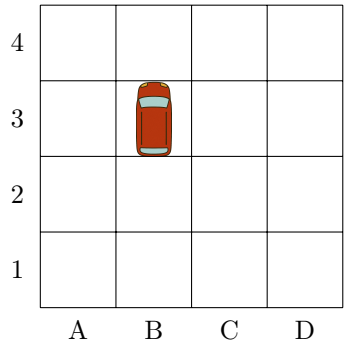
The car starts at C2, facing up.
Follow the instructions:

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 23:



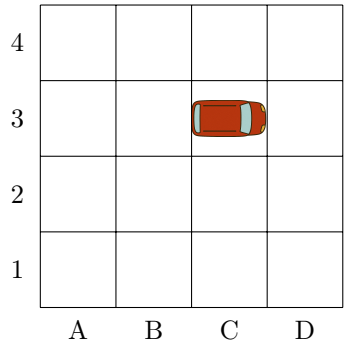
The car starts at B3, facing up.
Follow the instructions:

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 24:



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

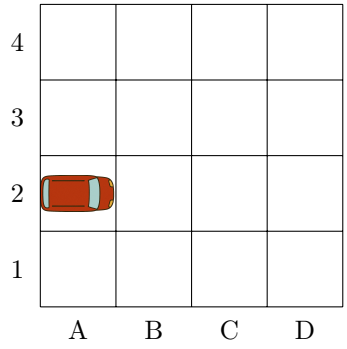
1. The car turns left.
2. The car moves 2 spaces back.

What is the final position of the car?

☐ A ☐ 1
☐ B ☐ 2
☐ C ☐ 3
☐ D ☐ 4

C.4 DRIVING AND TURNING: CAR'S FINAL POSITION

Ex 25:



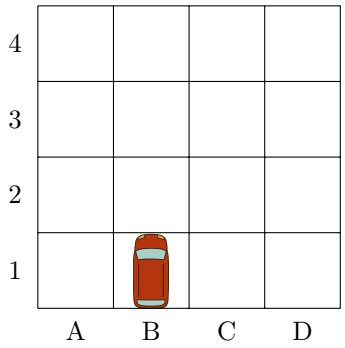
The car starts at A2, facing to the right.
Follow the instructions:

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 26:



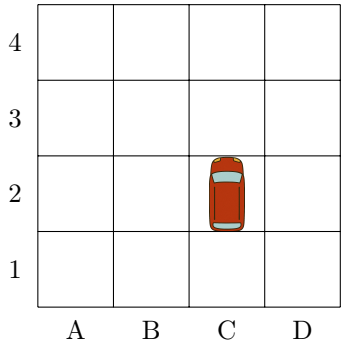
The car starts at B1, facing up.
Follow the instructions:

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 27:



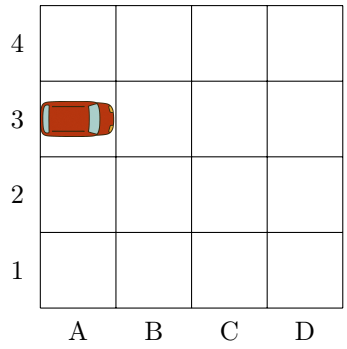
The car starts at C2, facing up.
Follow the instructions:

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 28:



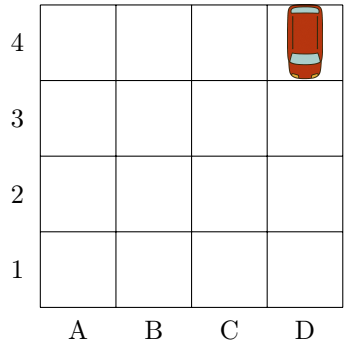
The car starts at A3, facing right.
Follow the instructions:

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 29:



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