## Recording movement

1 Record the movements on the grid using arrows. Some have been completed for you.
a

|  |  | $\boxed{ }$ |  |
| :--- | :--- | :--- | :--- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

The star has moved 1 square right.
The circle has moved 1 square left.
The triangle has moved 3 squares up.
The square has moved 2 squares down.
c

| n |  |  |  |
| :--- | :--- | :--- | :--- |
|  |  |  | $\square$ |
|  |  |  |  |
| $\Omega$ |  |  |  |
|  |  |  |  |

The star has moved 2 squares right.
The circle has moved 1 square left.
The triangle has moved 2 squares up.
The square has moved 2 squares down.
b

|  |  | $\uparrow$ |  |
| :---: | :---: | :---: | :---: |
| $\square$ |  |  |  |
| $\downarrow$ |  |  |  |
|  |  | $\square$ |  |

The circle has moved 3 squares up.
The square has moved 1 square down.
The triangle has moved 1 square right.
The star has moved 1 square left.


The triangle has moved 1 square up.
The square has moved 1 square down.
The circle has moved 3 square left.
The star has moved 2 squares right.

## Recording movement

1 Follow the instructions and use arrows to record the journey taken.
Mark the finishing position with an $X$.
a


Move 1 square forward.
Move 2 squares to the right.
Move 2 squares forward.
Move 1 square to the right.


Move 2 squares to the left. Move 1 square forward.
Move 1 square to the left.
Move 3 squares backwards.

2 Follow the instructions and use arrows to record the journey taken. Mark the finishing position with an X .


1) Move down 1 space.
2) Move right 3 spaces.
3) Move down 1 space.
4) Move right 3 spaces.
5) Move down 1 space.
6) Move right 1 space.

## Recording movement

1 Record the movements on the grid using arrows.
a

|  |  | $\boxed{ }$ |  |
| :--- | :--- | :--- | :--- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

The star has moved 1 square right.
The circle has moved 1 square left.
The triangle has moved 3 squares up.
The square has moved 2 squares down.
c

| N |  |  |  |
| :--- | :--- | :--- | :--- |
|  |  |  | $\square$ |
|  |  |  |  |
| $\Upsilon$ |  |  |  |
|  |  |  |  |

The star has moved 2 squares right.
The circle has moved 1 square left.
The triangle has moved 2 squares up.
The square has moved 2 squares down.
b

| A |  |  |  |
| :--- | :--- | :--- | :--- |
| $\square$ |  |  |  |
|  |  |  |  |
|  | n | $\square$ |  |

The circle has moved 3 squares up.
The square has moved 1 square down.
The triangle has moved 1 square right.
The star has moved 1 square left.


The triangle has moved 1 square up.
The square has moved 1 square down.
The circle has moved 3 square left.
The star has moved 2 squares right.

## Recording movement

1 Follow the instructions and use arrows to record the journey taken. Mark the finishing position with an $X$.
a


Move 1 square to the left.
Move 1 square backwards.
Move 3 squares to the right.
Move 2 squares forward.
Move 1 square to the left.
Move 1 square forward.
b


Move 2 squares backwards.
Move 2 squares to the left. Move 1 square forward. Move 1 square to the right.
Move 2 squares forward.
Move 1 square to the left.

2 Follow the instructions and use arrows to record the journey taken. Mark the finishing position with an X.


Move down 1 space.
Move right 1 space.
Move down 2 spaces.
Move right 2 spaces.
Move up 1 space.
Move right 3 spaces.
Move down 1 space.
Move right 1 space.

## Recording movement

1 Record the movements on the grid using arrows.
a

|  |  | $\boxed{ }$ |  |
| :--- | :--- | :--- | :--- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

The star has moved 1 square right.
The circle has moved 1 square left.
The triangle has moved 3 squares up.
The square has moved 2 squares down.
b

| A |  |  |  |
| :--- | :--- | :--- | :--- |
| $\square$ |  |  |  |
|  |  |  |  |
|  | n | $\square$ |  |

The circle has moved 3 squares up.
The square has moved 1 square down.
The triangle has moved 1 square right.
The star has moved 1 square left.


The pentagon has moved 1 square down.
The rectangle has moved 2 squares left.
The square has moved 3 squares up.
The octagon has moved 1 square left.

The circle has moved 1 square right.
The star has moved 4 squares right.
The hexagon has moved 2 squares down.
The triangle has moved 1 square up.

## Recording movement

1 Follow the instructions and use arrows to record the journey taken.
Mark the finishing position with an X .
a


Move 2 squares to the right.
Move 1 square backwards.
Move 1 square to the left.
Move 1 square backward.
Move 2 squares to the right.
Move 4 squares forwards.
Move 3 squares to the left.
b


Move 3 squares to the right.
Move 1 square backward.
Move 4 squares to the left.
Move 1 square backward.
Move 4 squares to the right.
Move 2 squares backwards.
Move 3 squares to the left.

2 Follow the instructions and use arrows to record the journey taken. Mark the finishing position with an X .


Move down 1 space.
Move right 1 space.
Move down 2 spaces.
Move right 2 spaces.
Move up 1 space.
Move right 2 spaces.
Move up 1 space.
Move right 3 spaces.
Move up 1 space.

## Recording movement

1 Write instructions for a journey from the start point to the end point. Record your journey on the grid using arrows.
a

b

$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$

|  |  |  |  |  |  |  | $\mathbf{N}$ |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |  |  |  |  |
|  | Su |  |  |  |  |  |  |  |
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