



ADULT GUIDE · KEEP THIS PAGE

Position, direction and turns

England national curriculum · Year 1 · geometry

What this pack helps with

Use page-relative position words, follow short grid directions and describe quarter, half, clockwise and anticlockwise turns.

Start here

The child can follow one-step movement instructions and understands that an arrow points in a direction.

Keep the page upright. Say that left and right mean the child's view of this page. Trace each move or turn with a finger before writing.

Print and use

Print A4 at actual size (100%). Child pages: **2-6**. Answers and feedback: **7**. Colour is optional; every task works in black and white.

Model page 2 together. Ask the child to trace a side, route or turn with a finger before writing. Accept spoken explanations and scribe when writing is the barrier.

What to try next

Reverses left and right	Place a small L marker on the page's left edge and trace from it.
Moves diagonally	Move one grid square at a time only in the named direction.
Confuses clockwise directions	Trace the curved arrow before turning the straight arrow.
Works confidently	Give two different routes to the same square and compare them.

Scope and source

Page-relative positions and exact quarter/half turns. It does not assess movement from another person's viewpoint, compass points, coordinates or clock reading. Based on DfE Year 1 mathematics and primary mathematics guidance (England; OGL v3.0). Original TheLearnDen tasks and artwork; not an official assessment. Free to print and share.

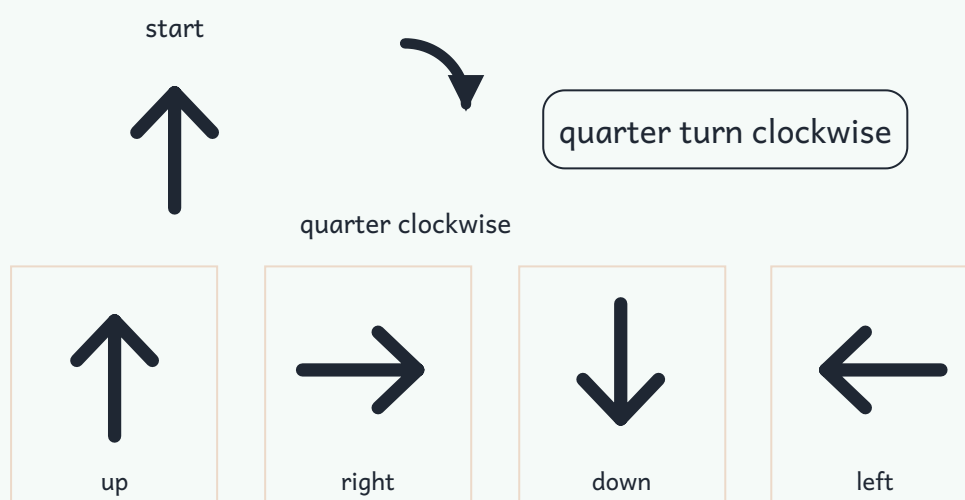


Position, direction and turns

Name: _____ Date: _____

Try it together

Start with an arrow pointing up. One quarter turn clockwise points it right. Clockwise follows the direction that clock hands travel, but no clock reading is needed.



Say the rules

Left and right use **your view**.

Move one **square at a time**.

Trace the **curved turn**.

Keep the page **upright**.



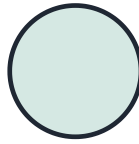
PRACTISE WITH SUPPORT · GEOMETRY

Left, middle and right

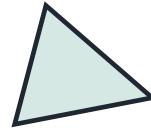
1 Where is the circle: left, middle or right?



left



middle



right

It is in the .

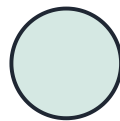
2 Where is the square: top, middle or bottom?



top



middle



bottom

It is at the .



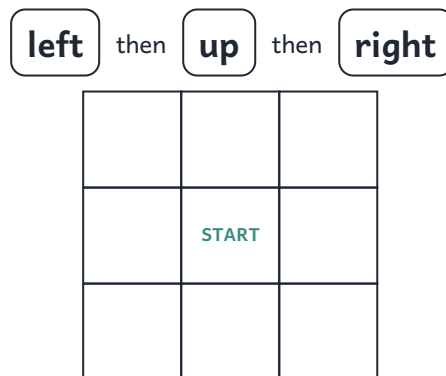
PRACTISE WITH SUPPORT · GEOMETRY

Top, middle, above and below

- 3 The triangle is _____ the circle.
Write **above** or **below**.



- 4 Start in the marked square. Follow each move one square at a time.



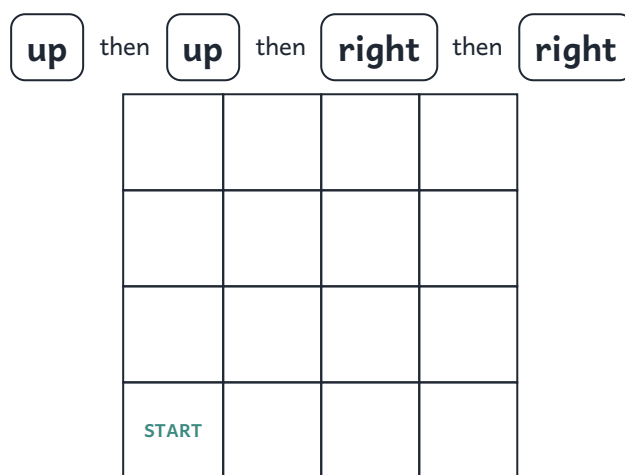
Draw a star in the finishing square.



PRACTISE WITH SUPPORT · GEOMETRY

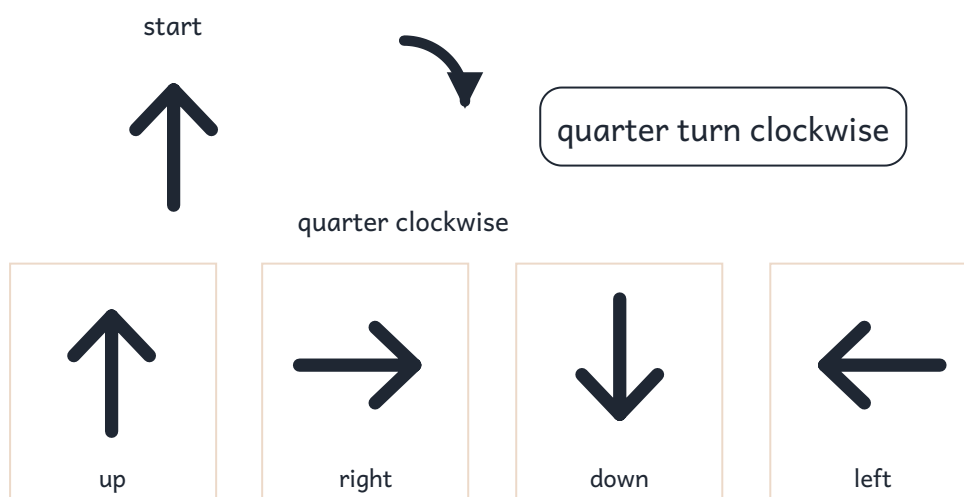
Follow directions

- 5 Start in the marked square. Follow each move one square at a time.



Draw a star in the finishing square.

- 6 Trace the turn. Circle the arrow that shows the finishing direction.





REASON AND EXPLAIN · GEOMETRY

Make and describe turns

- 7 Trace the turn. Circle the arrow that shows the finishing direction.

start



quarter turn anticlockwise

quarter anticlockwise

 up	 right	 down	 left
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- 8 Make both turns in order. Circle the finishing direction.

start



quarter clockwise then half anticlockwise

quarter turn clockwise, then half turn anticlockwise

 up	 right	 down	 left
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ADULT ANSWER GUIDE

Answers and next steps

Ask the child to trace or point to the evidence. For routes and turns, let the child demonstrate physically. Record support; this is teaching practice.

- 1 middle.** The circle is in the middle, between the star and triangle.
Accept the independently checked answer plus pointing, tracing or spoken use of the named geometry language.
- 2 top.** The square is at the top of the column.
Accept the independently checked answer plus pointing, tracing or spoken use of the named geometry language.
- 3 above.** The triangle is above the circle.
Accept the independently checked answer plus pointing, tracing or spoken use of the named geometry language.
- 4 top middle square.** Left, up, then right finishes in the top middle square.
Accept the independently checked answer plus pointing, tracing or spoken use of the named geometry language.
- 5 2nd row, 3rd square from the left.** Two up and two right finish in column 3, row 2.
Accept the independently checked answer plus pointing, tracing or spoken use of the named geometry language.
- 6 right.** One quarter turn clockwise from up points right.
Accept the independently checked answer plus pointing, tracing or spoken use of the named geometry language.
- 7 up.** One quarter turn anticlockwise from right points up.
Accept the independently checked answer plus pointing, tracing or spoken use of the named geometry language.
- 8 left.** Up turns right, then a half turn anticlockwise points left.
Accept the independently checked answer plus pointing, tracing or spoken use of the named geometry language.

My practice trail



One thing to practise next: _____