

To be able to describe turns

MathShed

Starter:
Thinking about full and half turns, which pair of shapes do not belong?

Explain your answer.

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Activity 1:
Rotation Practice!
Partner 1 stands on the spot.
Partner 2 gives instructions, like:

- "Make a half turn."
- "Make a full turn."
- "Make a three-quarter turn."
- "Make a quarter turn the other way."

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Activity 2:
Match the following diagrams to the correct phrases.

half turn

quarter turn

full turn

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Activity 3:
Sketch what each shape will look like after the turn it has been given.

half turn

full turn

three-quarter turn

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Activity 4:
Complete the sentences using the words *full*, *half* and *quarter*.

The hexagon has made a _____ turn.

The triangle has made a _____ turn.

The pentagon has made a _____ turn.

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Evaluation:

I think the arrow has made a quarter turn. Bumble thinks it has made a three-quarter turn.

Who do you agree with?
Explain your answer.