Still looks the same

This task is about finding the smallest fraction of a turn so that a shape remains the same.
Select the fraction of a full turn that each shape may be rotated so that it still looks the same.

a) What fraction of a full turn may this shape be rotated, so that it still looks the same?

- ○ $\frac{1}{4}$ of a turn
- ○ $\frac{1}{3}$ of a turn
- ○ $\frac{1}{2}$ of a turn
- ○ none of these

b) What fraction of a full turn may this shape be rotated, so that it still looks the same?

- ○ $\frac{1}{5}$ of a turn
- ○ $\frac{1}{4}$ of a turn
- ○ $\frac{1}{3}$ of a turn
- ○ none of these

c) What fraction of a full turn may this shape be rotated, so that it still looks the same?

- ○ $\frac{1}{4}$ of a turn
- ○ $\frac{1}{3}$ of a turn
- ○ $\frac{1}{2}$ of a turn
- ○ none of these

d) What fraction of a full turn may this shape be rotated, so that it still looks the same?

- ○ $\frac{1}{5}$ of a turn
- ○ $\frac{1}{4}$ of a turn
- ○ $\frac{1}{3}$ of a turn
- ○ none of these

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