Half turn

$\frac{1}{2}$ turn

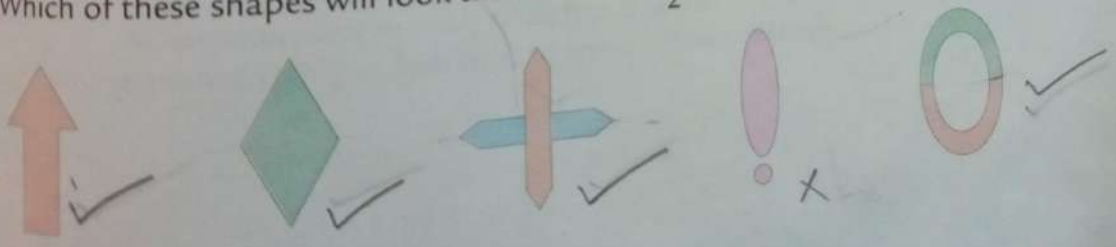
Try This!

Look at these traffic signals. Find out what each one means. Then mark the ones that will look the same on a half turn.

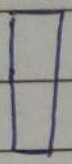
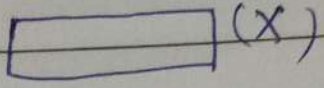
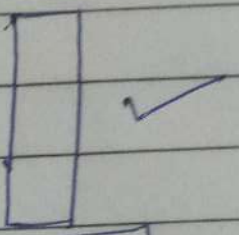
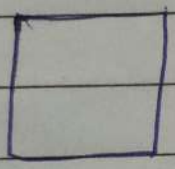
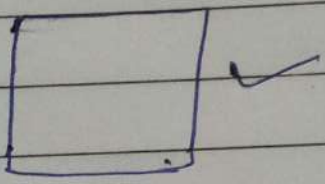
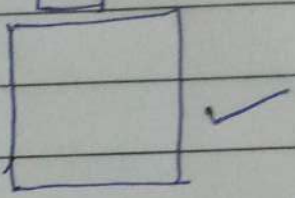
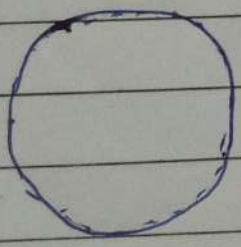
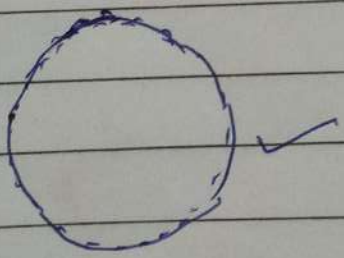
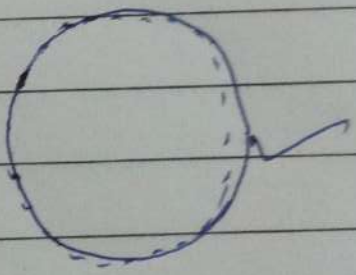
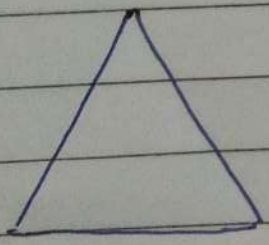
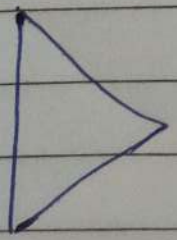
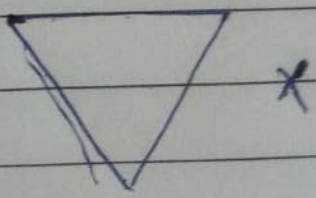
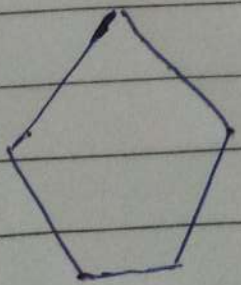
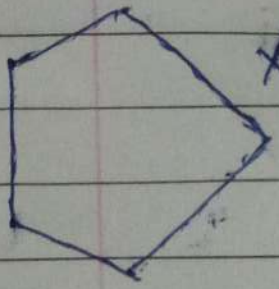
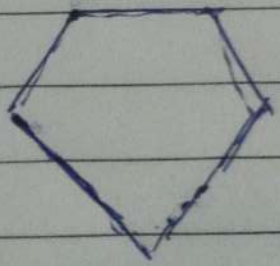
Exercise 9B

1 Which of these shapes will look the same after $\frac{1}{4}$ turn? Put a tick mark (✓) next to it.

2 Which of these shapes will look the same after $\frac{1}{2}$ turn? Put a tick mark (✓) next to it.



(3). Draw how these shapes will look after these turns. Tick (✓) those which look the same after the turn.

shapes.	$\frac{1}{4}$ turn	$\frac{1}{2}$ turn.
	 (X)	 ✓
	 ✓	 ✓
	 ✓	 ✓
	 X.	 X
	 X	 X.

4 Which 6 letters of the English alphabet look the same after half a turn?

H, I, N, O, S, X and Z

5 Circle the numbers that look the same on half a turn.

11, 88, 18, 808, 118, 818, 1001, 1100, 1881

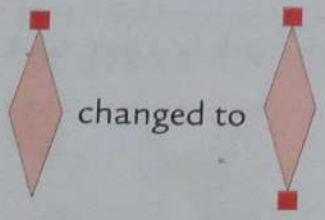
6 Which is the largest 4-digit number you can make that will look the same on a $\frac{1}{2}$ turn? Which is the smallest?

Largest no: 8888

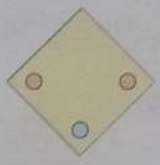
Smallest no: 8008

7 Change the shape so that the new shape looks the same on a $\frac{1}{2}$ turn. The first one has been done for you.

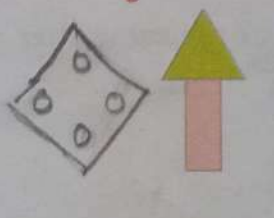
a



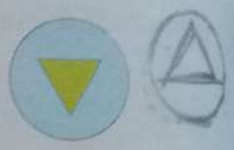
b



c



d



Project Many crosswords have the same shape when turned. Go through newspapers to find such crosswords and paste them in your notebook in columns. Show how many turns they need to come back to their original position. Ignore those that need a full turn.