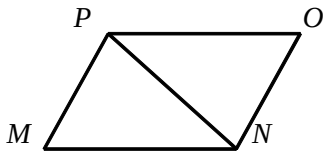
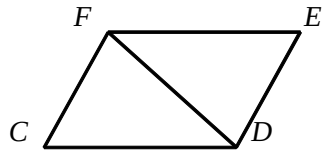
NAME:_____

1. Given: $\Delta MNP \rightarrow \Delta OPN$ is an isometry. Find the image of $\overline{NP}$.



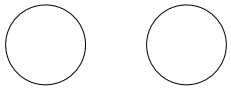
2. Given: $\Delta CDF \rightarrow \Delta EFD$ is an isometry. Find the pre-image of $\overline{ED}$.



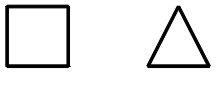
3. Which of the following transformations represents an isometry?

[A]

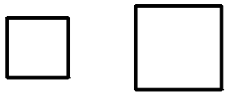
[B]



[C]

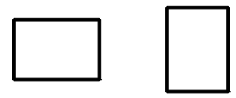


[D]



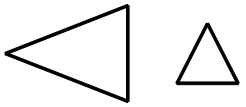
4. Which of the following transformations represents an isometry?

[A]

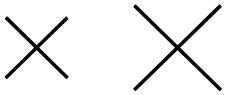


[B]

[C]

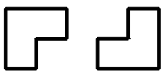


[D]



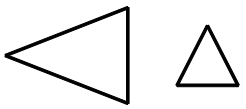
5. Which of the following transformations represents an isometry?

[A]

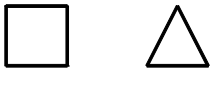


[B]

[C]

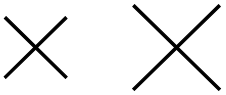


[D]

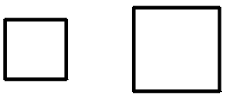


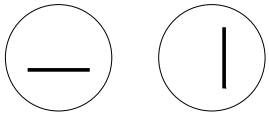
NAME:_____

6. Which of the following transformations represents an isometry?

[A] 

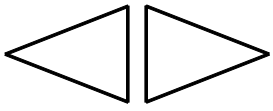
[B] 

[C] 

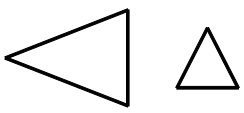
[D] 

7. Which of the following transformations represents an isometry?

[A] 

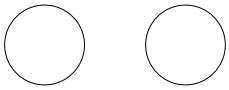
[B] 

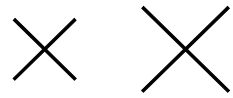
[C] 

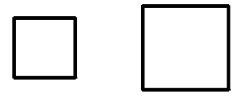
[D] 

8. Which of the following transformations represents an isometry?

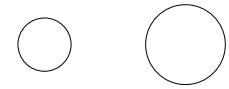
[A] 

[B] 

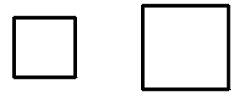
[C] 

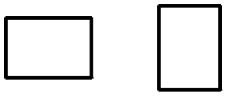
[D] 

9. Which of the following transformations represents an isometry?

[A] 

[B] 

[C] 

[D] 

[1] $\overline{PN}$

[2] $\overline{CF}$

[3] B

[4] A

[5] A

[6] D

[7] B

[8] B

[9] D