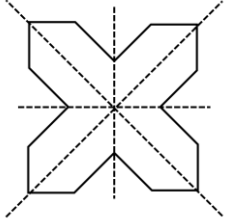
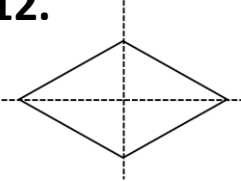
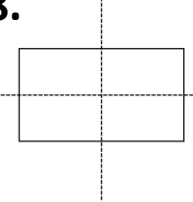
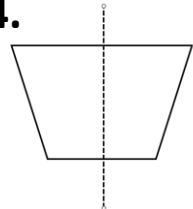
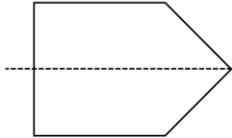


# 4.6.B – Lines of Symmetry

## Problem Set: 1

Note: Some parts of these materials are taken directly from released STAAR tests Copyright © 2015-2021. Texas Education Agency. All Rights Reserved. Used by Permission.

1.  A	2.  C	3.  B	4.  B	5.  C	6. 
7.  B	8.  C	9.  C	10.  C	11.  A	12. 
13.  D	14.  D	15.  A	16.  B	17.  C	18. 
19.  B	20.  A	21.  A,C	22.  A	23.  B	24. 
25.  C	26.  B	27.  D	28.  C	29.  D	30. 



1. Which figures appear to have 2 or more lines of symmetry?

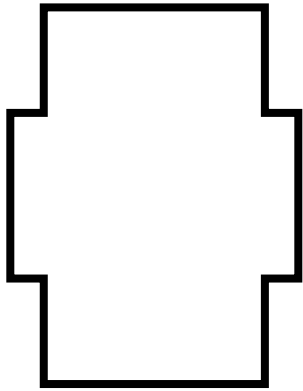


Figure K

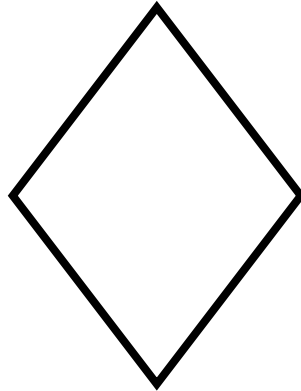


Figure L

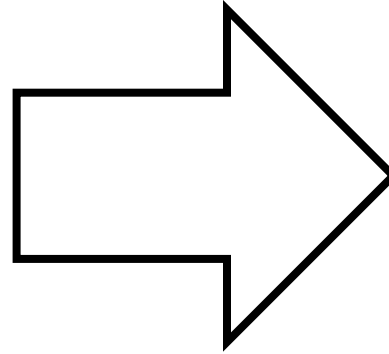


Figure M

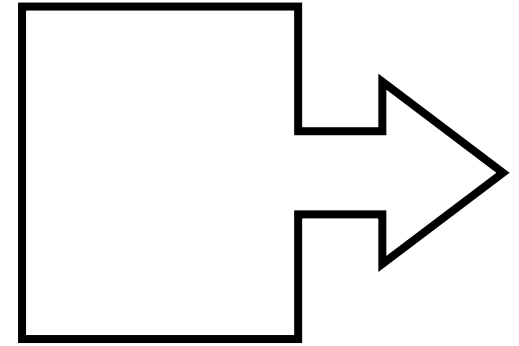


Figure N

- A. Figures K and L only
- B. Figures M and N only
- C. Figures K, L, and N only
- D. Figures K, L, M, and N

2. Lana drew these figures.

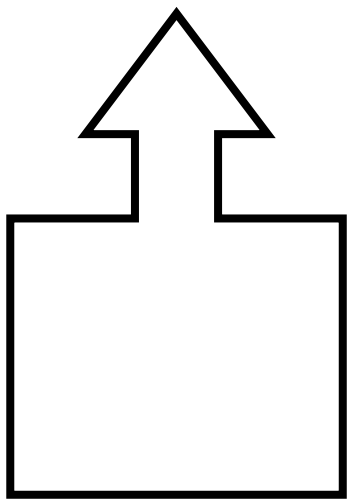


Figure L

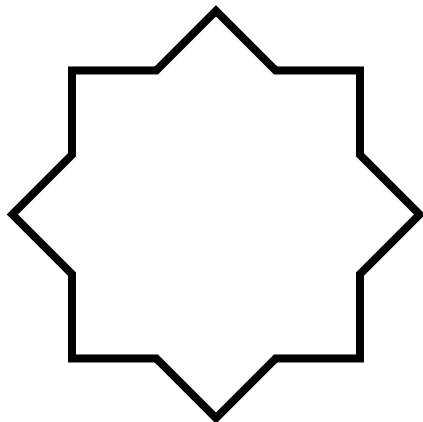


Figure M

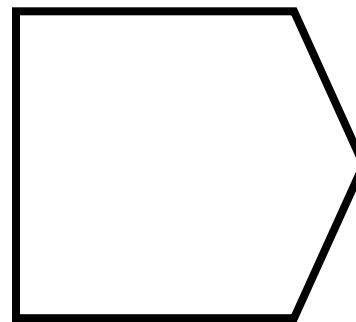


Figure N

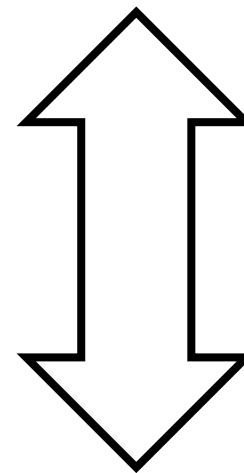


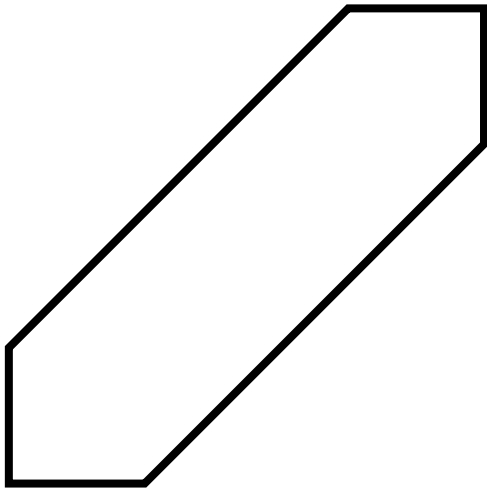
Figure P

Which of these figures appear to have both a horizontal line of symmetry and a vertical line of symmetry?

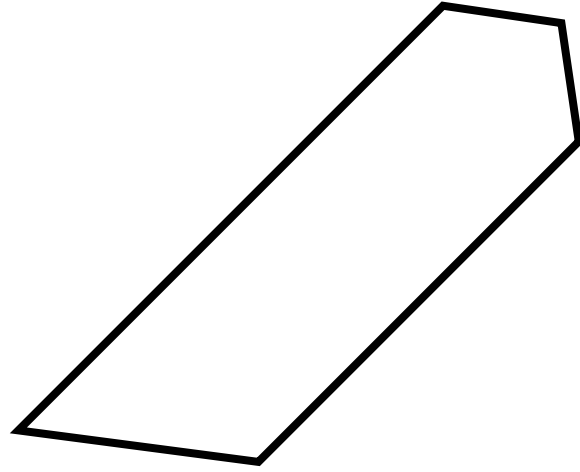
- A. Figure M only
- B. Figure L and Figure N
- C. Figure M and Figure P only
- D. Figure L, Figure M and Figure P

3. which figure appears to have exactly 1 line of symmetry?

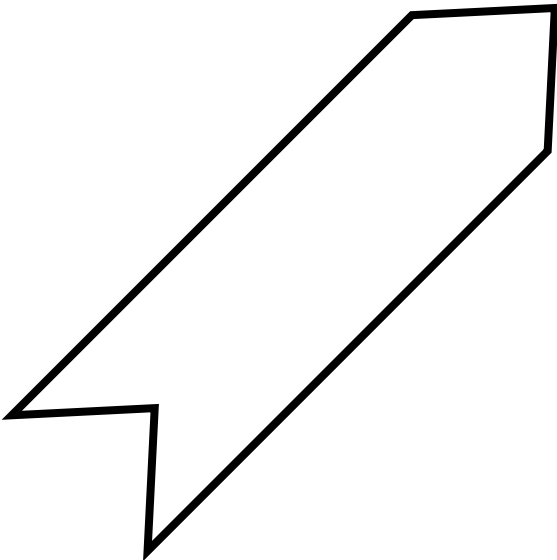
A.



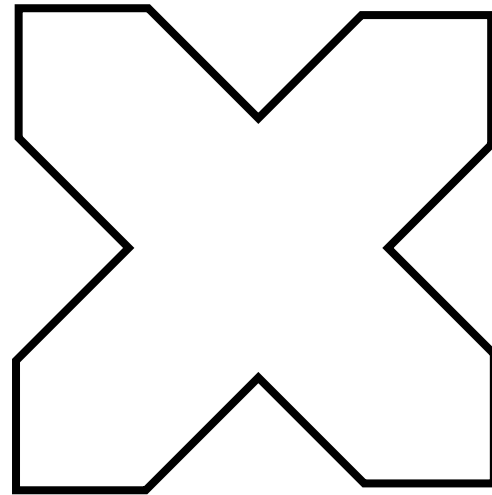
C.



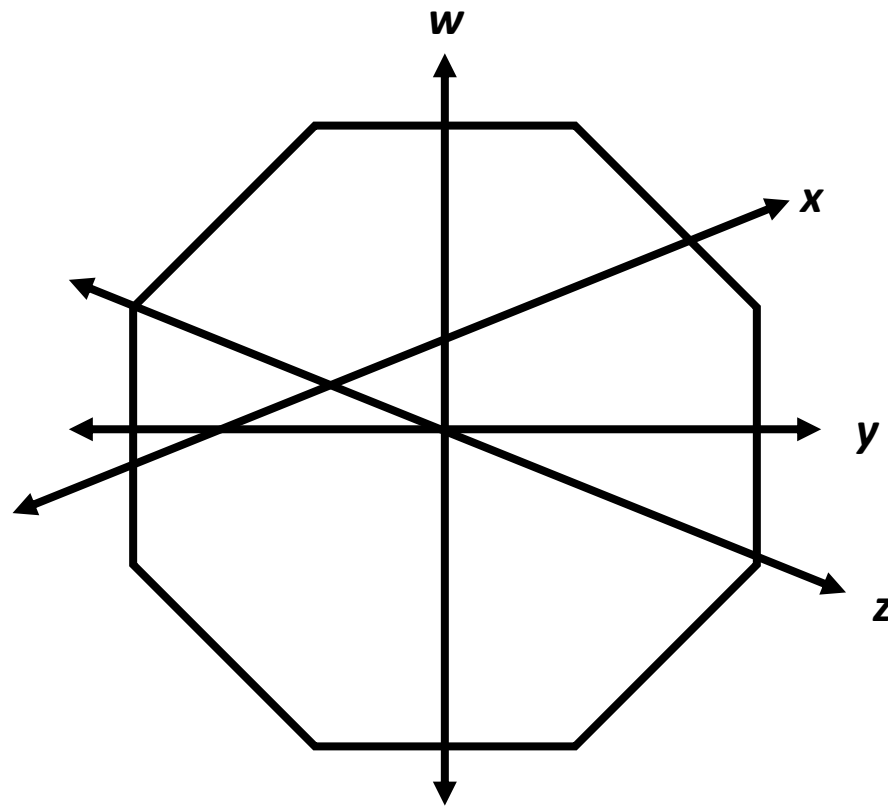
B.



D.



4. The drawing shows four lines through a figure. Three of the lines are lines of symmetry.



Which line does NOT appear to be a line of symmetry for this figure?

- A. Line  $w$
- B. Line  $x$
- C. Line  $y$
- D. Line  $z$

5. Which figures appear to have 2 or more lines of symmetry?

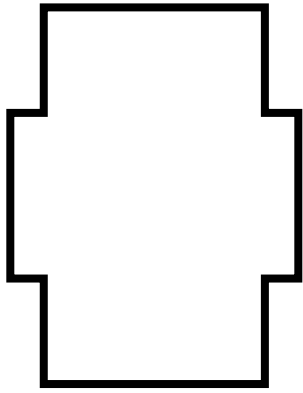


Figure K

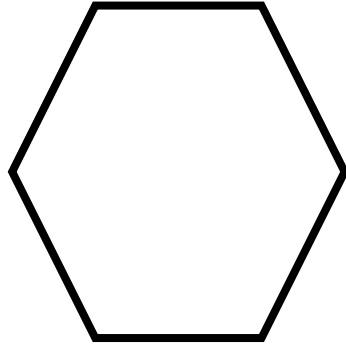


Figure L

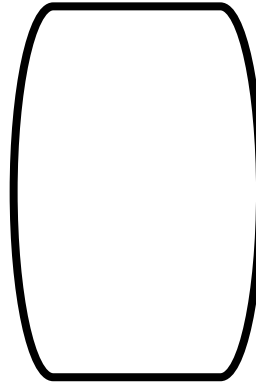


Figure M

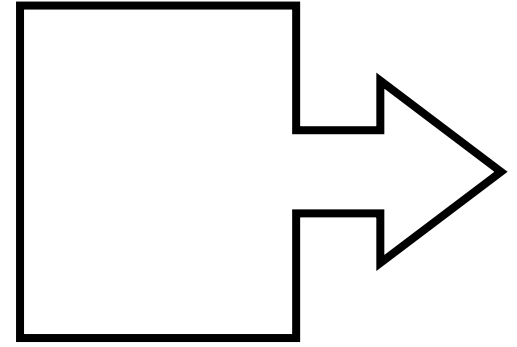
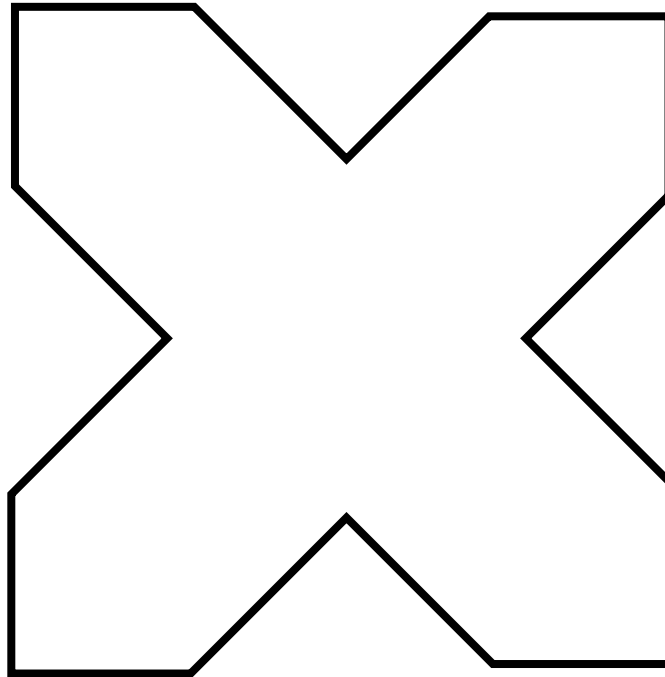


Figure N

- A. Figures K and L only
- B. Figures M and N only
- C. Figures K, L, and M only
- D. Figures K, L, M, and N

6. Draw the line or lines of symmetry for this figure.

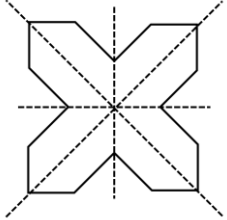
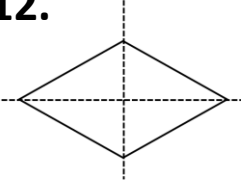
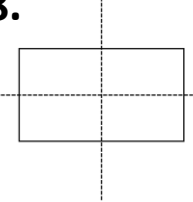
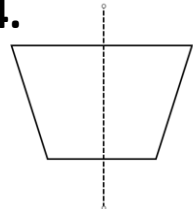
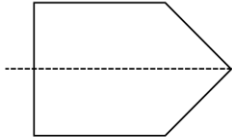




# 4.6.B – Lines of Symmetry

## Problem Set: 2

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1.  A	2.  C	3.  B	4.  B	5.  C	6. 
7.  B	8.  C	9.  C	10.  C	11.  A	12. 
13.  D	14.  D	15.  A	16.  B	17.  C	18. 
19.  B	20.  A	21.  A,C	22.  A	23.  B	24. 
25.  C	26.  B	27.  D	28.  C	29.  D	30. 



7. Which figures appear to have 2 or more lines of symmetry?

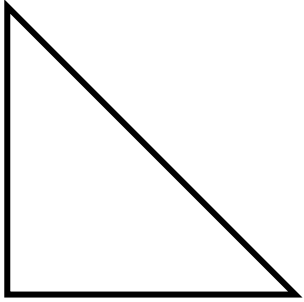


Figure K

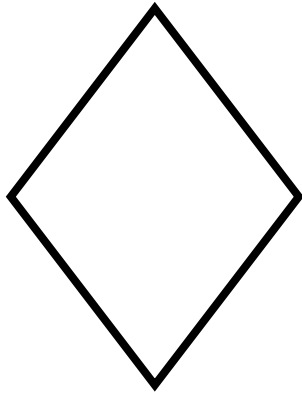


Figure L

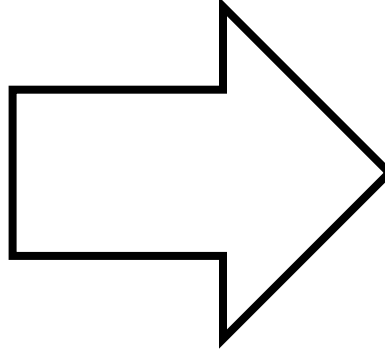


Figure M

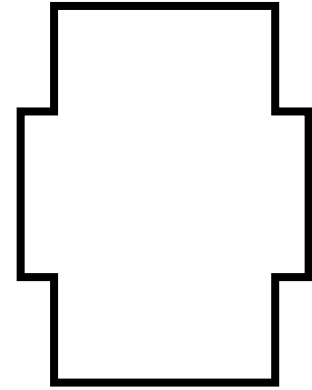


Figure N

- A. Figures K and L only
- B. Figures L and N only
- C. Figures K, L, and N only
- D. Figures K, L, M, and N

8. Lola drew these figures.

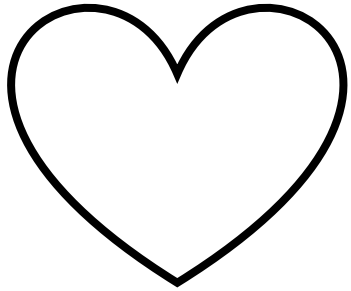


Figure L

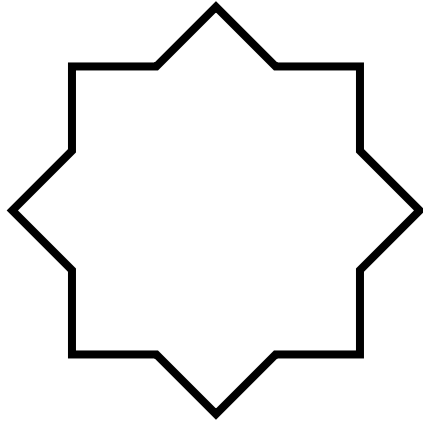


Figure M

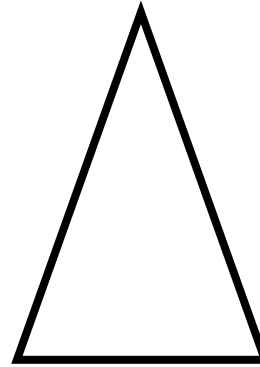


Figure N

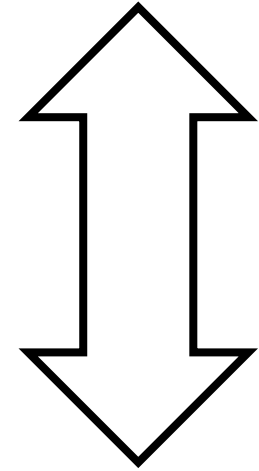


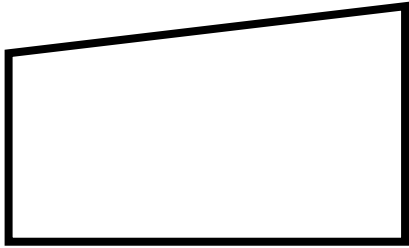
Figure P

Which of these figures appear to have both a horizontal line of symmetry and a vertical line of symmetry?

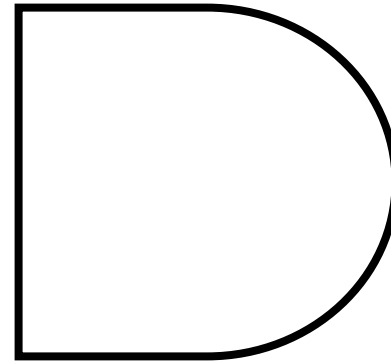
- A. Figure M only
- B. Figure L and Figure N
- C. Figure M and Figure P only
- D. Figure L, Figure M and Figure P

9. Which figure appears to have exactly 1 line of symmetry?

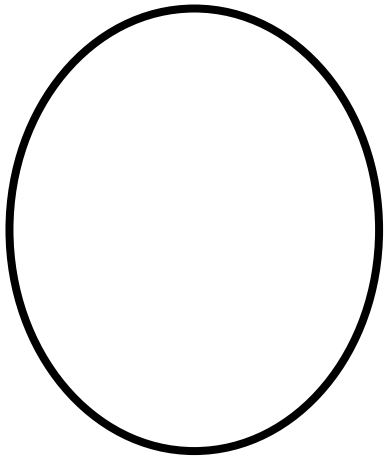
A.



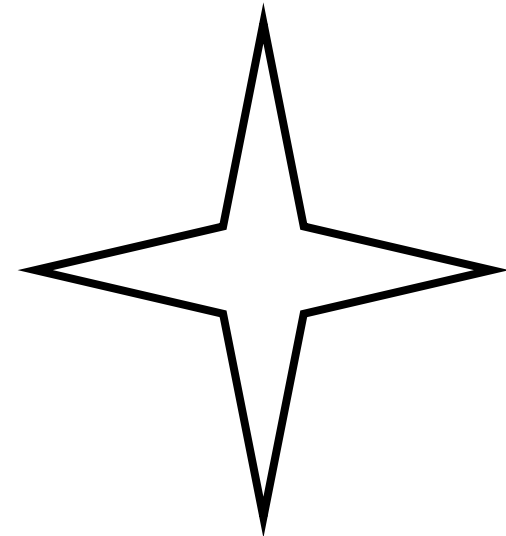
C.



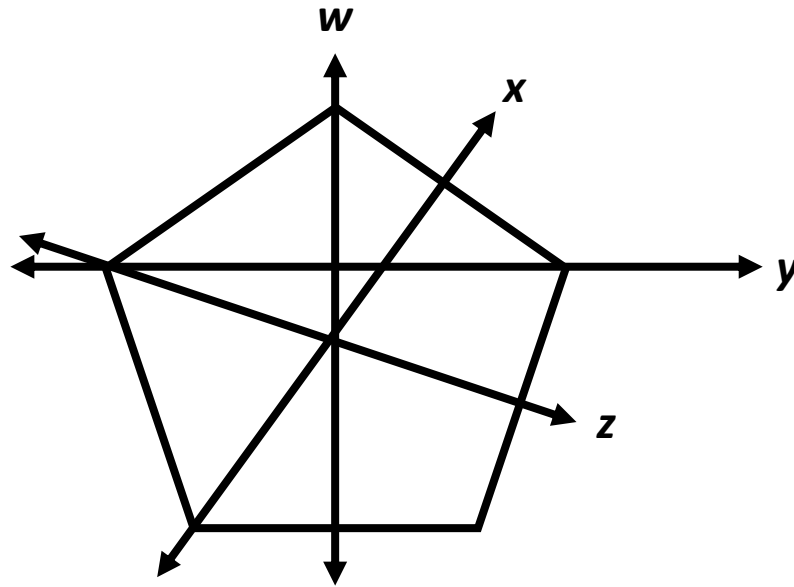
B.



D.



10. The drawing shows four lines through a figure. Three of the lines are lines of symmetry.



Which line does NOT appear to be a line of symmetry for this figure?

- A. Line  $w$
- B. Line  $x$
- C. Line  $y$
- D. Line  $z$

11. Which figures appear to have 2 or more lines of symmetry?

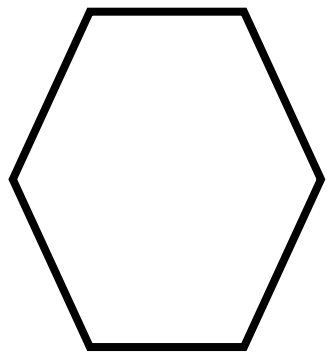


Figure K

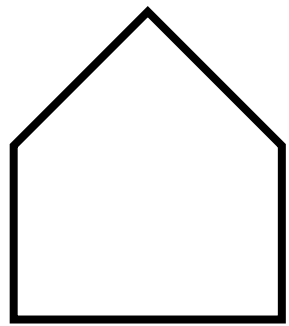


Figure L

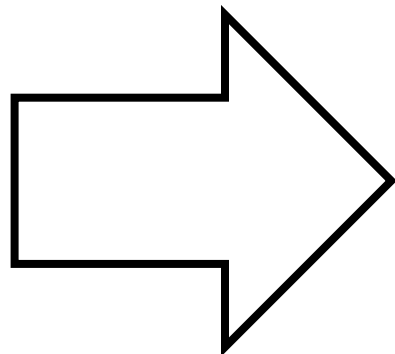


Figure M

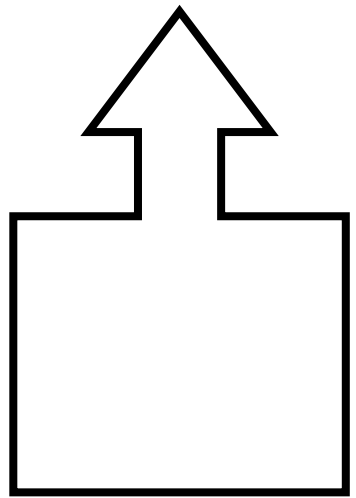
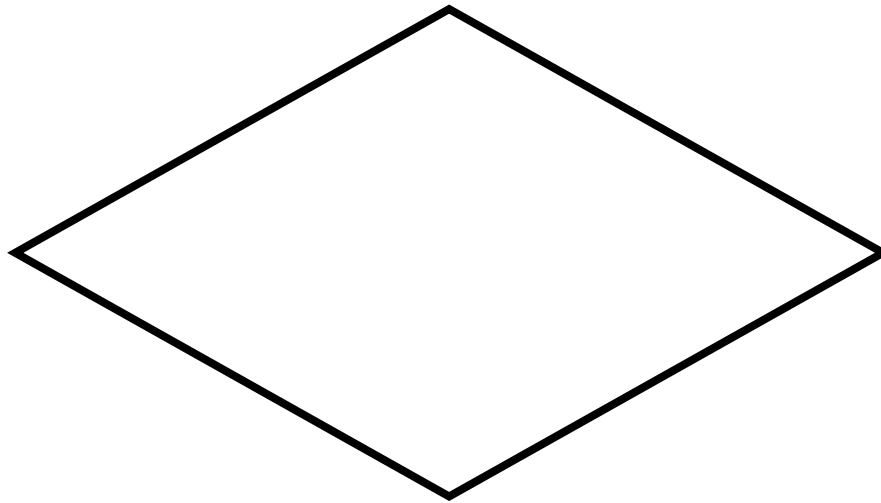


Figure N

- A. Figure K only
- B. Figures M and N only
- C. Figures K, L, and N only
- D. Figures K, L, M, and N

12. Draw the line or lines of symmetry for this figure.

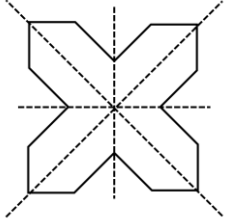
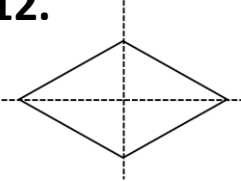
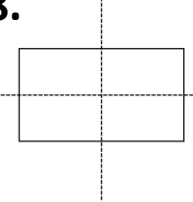
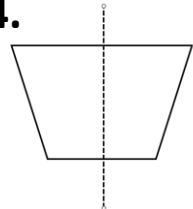
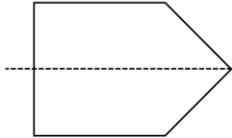




# 4.6.B – Lines of Symmetry

## Problem Set: 3

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1.  A	2.  C	3.  B	4.  B	5.  C	6. 
7.  B	8.  C	9.  C	10.  C	11.  A	12. 
13.  D	14.  D	15.  A	16.  B	17.  C	18. 
19.  B	20.  A	21.  A,C	22.  A	23.  B	24. 
25.  C	26.  B	27.  D	28.  C	29.  D	30. 



13. Which figures appear to have 2 or more lines of symmetry?

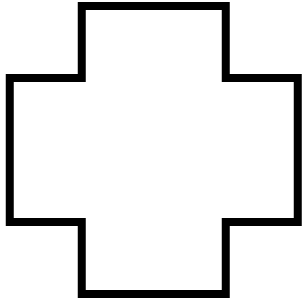


Figure K

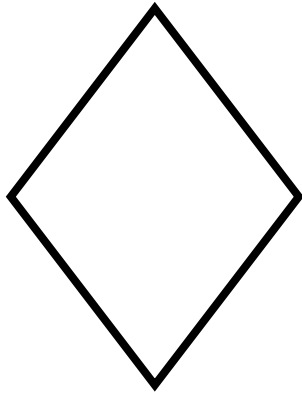


Figure L



Figure M

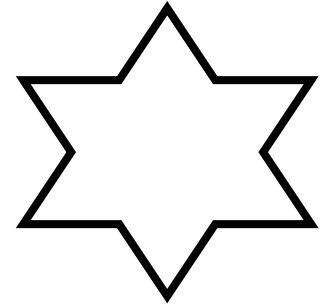


Figure N

- A. Figures K and L only
- B. Figures M and N only
- C. Figures K, L, and N only
- D. Figures K, L, M, and N

14. Lela drew these figures.

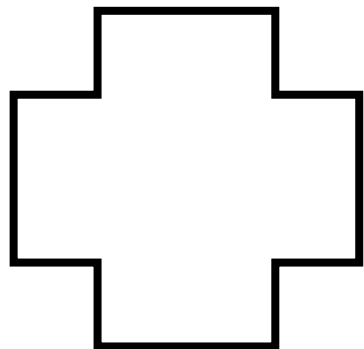


Figure L

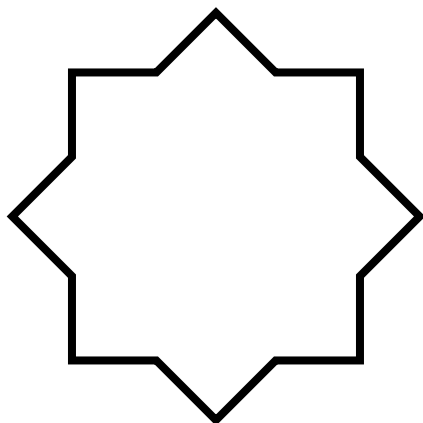


Figure M

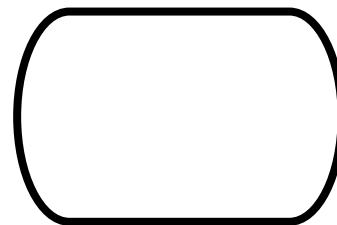


Figure N

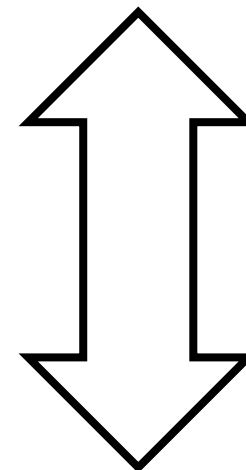


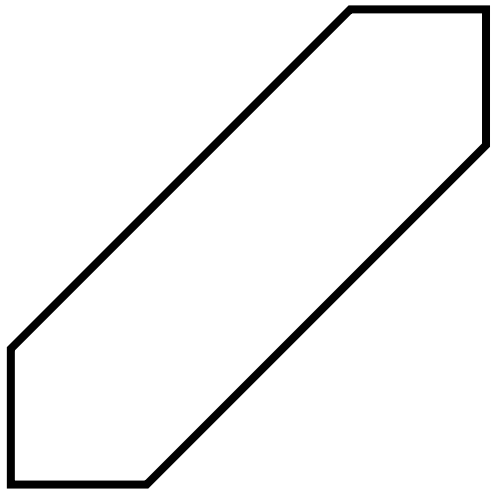
Figure P

Which of these figures appear to have both a horizontal line of symmetry and a vertical line of symmetry?

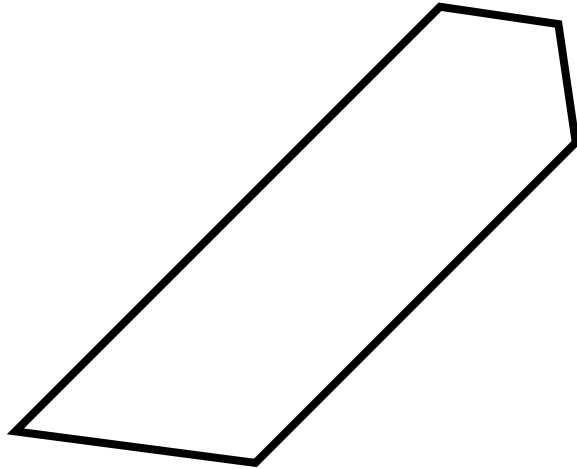
- A. Figure M only
- B. Figure L and Figure N
- C. Figure M, Figure N, and Figure P only
- D. Figure L, Figure M, Figure N, and Figure P

15. Circle the figures that have more than one line of symmetry.

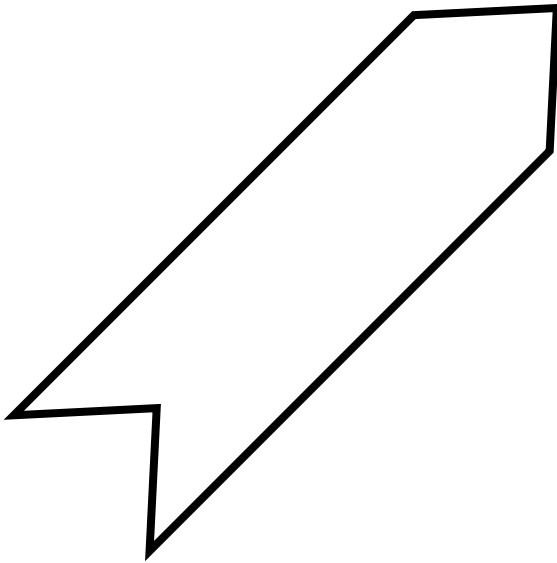
A.



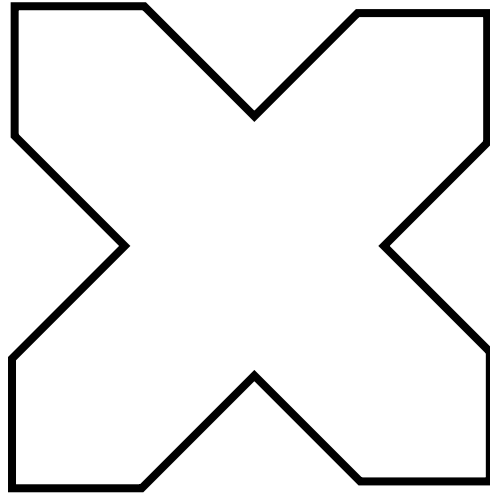
C.



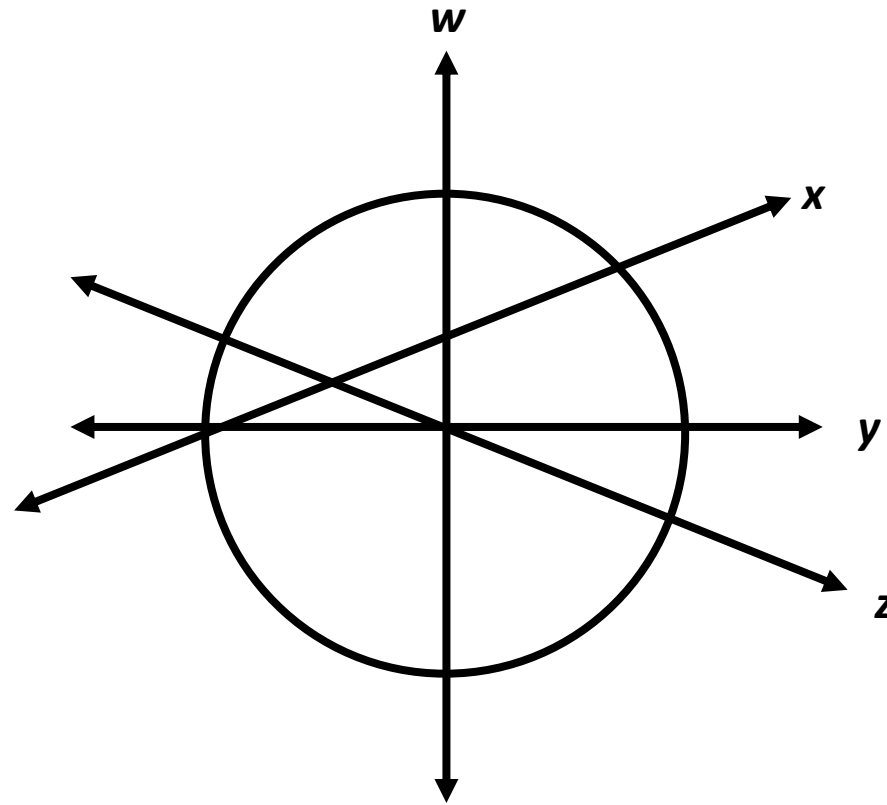
B.



D.



16. The drawing shows four lines through a figure. Three of the lines are lines of symmetry.



Which line does NOT appear to be a line of symmetry for this figure?

- A. Line *w*
- B. Line *x*
- C. Line *y*
- D. Line *z*

17. Which figures appear to have 2 or more lines of symmetry?

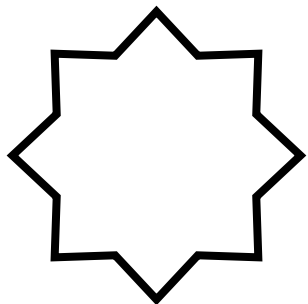


Figure K

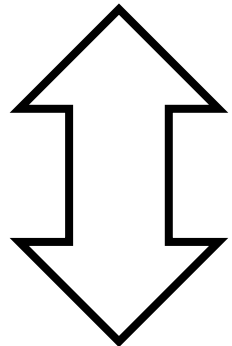


Figure L

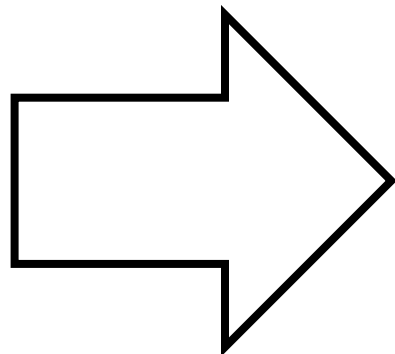


Figure M

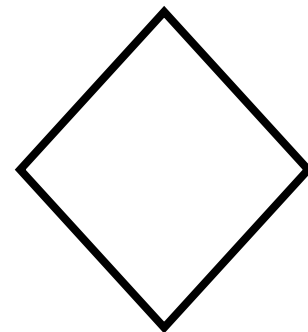


Figure N

- A. Figures K and L only
- B. Figures M and N only
- C. Figures K, L, and N only
- D. Figures K, L, M, and N

18. Draw the line or lines of symmetry for this figure.

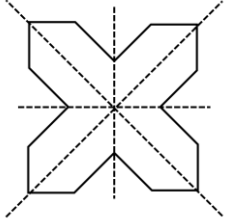
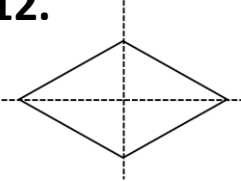
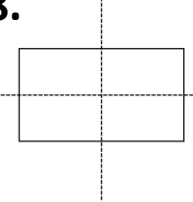
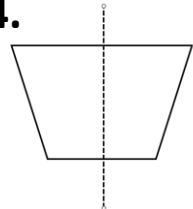
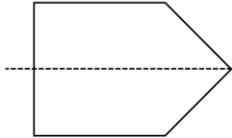




# 4.6.B – Lines of Symmetry

## Problem Set: 4

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1.  A	2.  C	3.  B	4.  B	5.  C	6. 
7.  B	8.  C	9.  C	10.  C	11.  A	12. 
13.  D	14.  D	15.  A	16.  B	17.  C	18. 
19.  B	20.  A	21.  A,C	22.  A	23.  B	24. 
25.  C	26.  B	27.  D	28.  C	29.  D	30. 



19. Which figures appear to have only one line of symmetry?

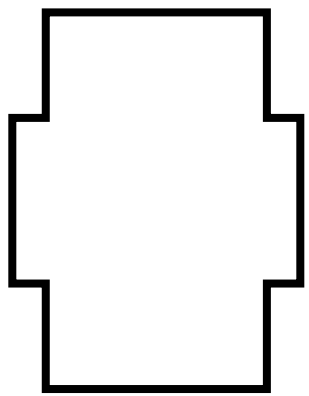


Figure K

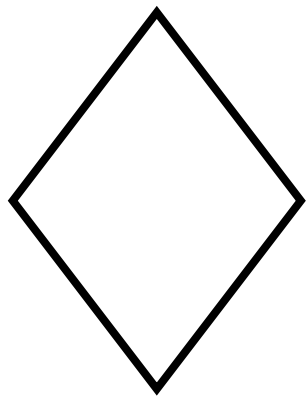


Figure L

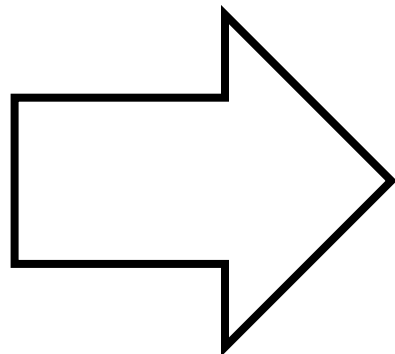


Figure M

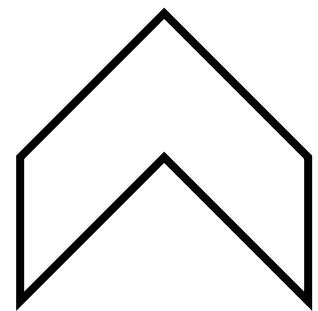


Figure N

- A. Figures K and L only
- B. Figures M and N only
- C. Figures K, L, and N only
- D. Figures K, L, M, and N

20. Letitia drew these figures.

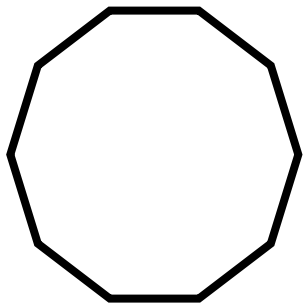


Figure L

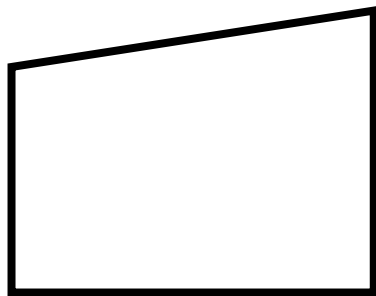


Figure M

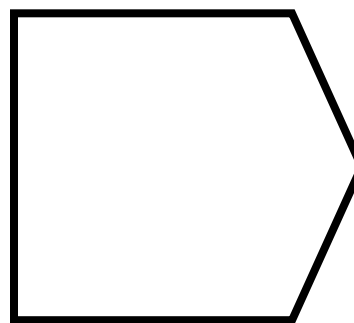


Figure N

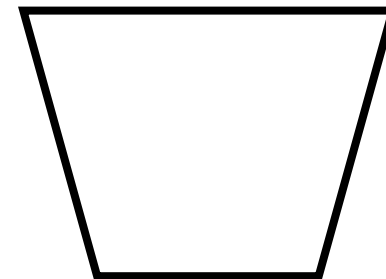


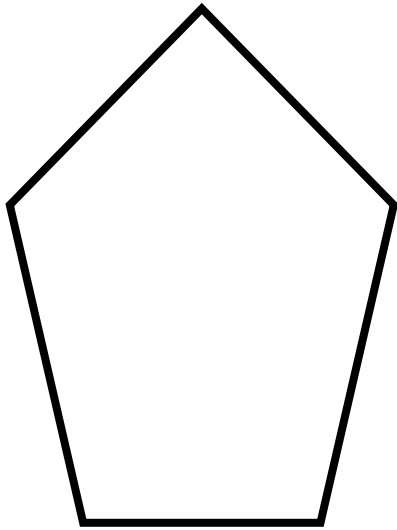
Figure P

Which of these figures appear to have both a horizontal line of symmetry and a vertical line of symmetry?

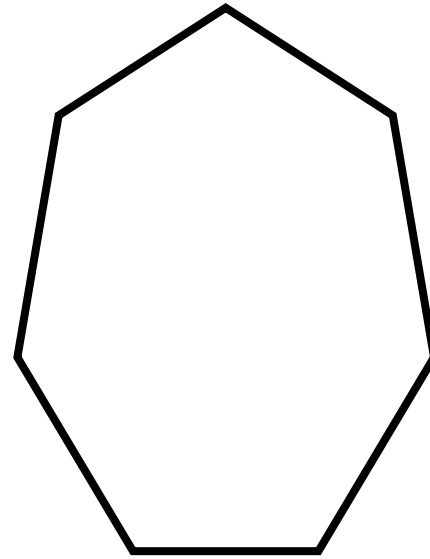
- A. Figure L only
- B. Figure L and Figure P
- C. Figure M and Figure P only
- D. Figure L, Figure N and Figure P

21. Circle the figures that have exactly one line of symmetry?

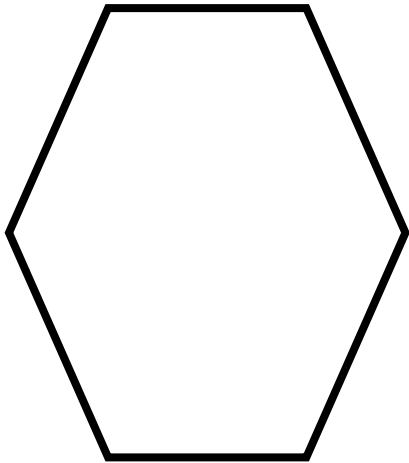
A.



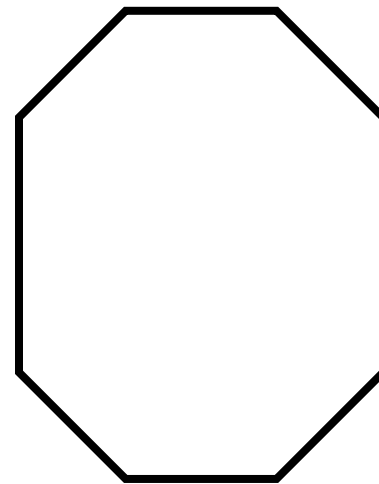
C.



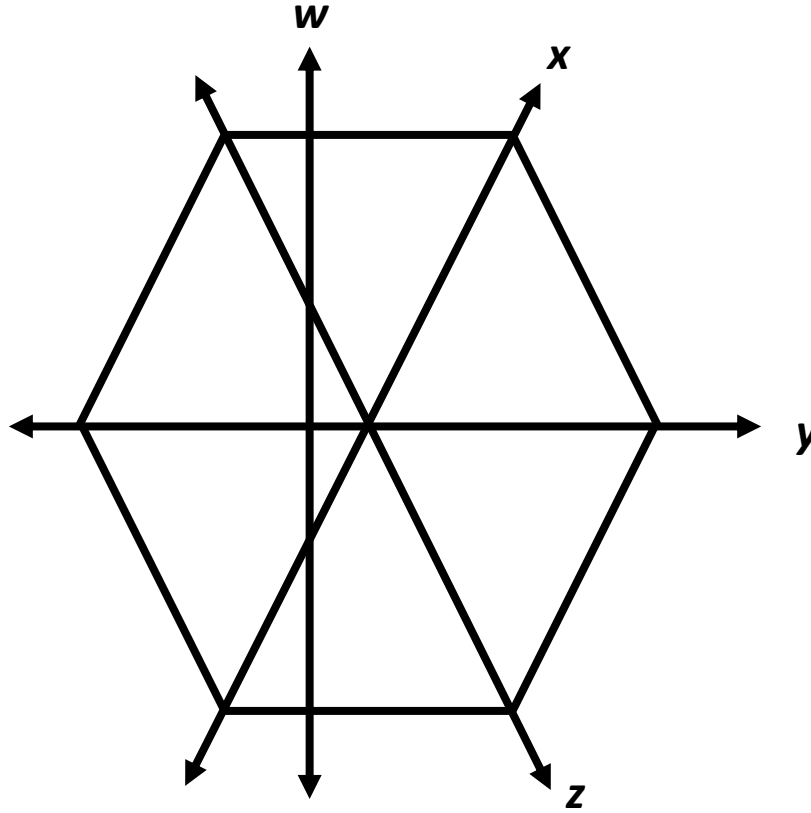
B.



D.



22. The drawing shows four lines through a figure. Three of the lines are lines of symmetry.



Which line does NOT appear to be a line of symmetry for this figure?

- A. Line  $w$
- B. Line  $x$
- C. Line  $y$
- D. Line  $z$

23. Which figures appear to have exactly one line of symmetry?

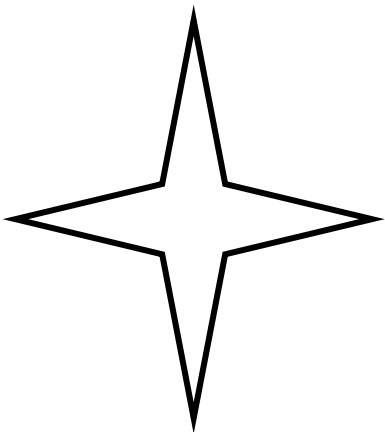


Figure K

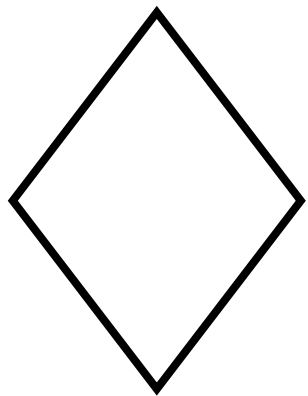


Figure L

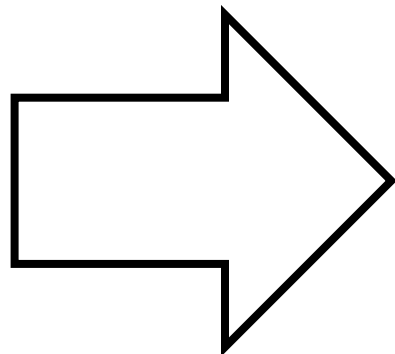


Figure M

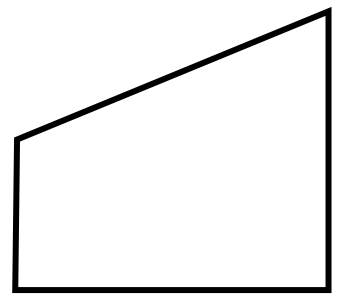
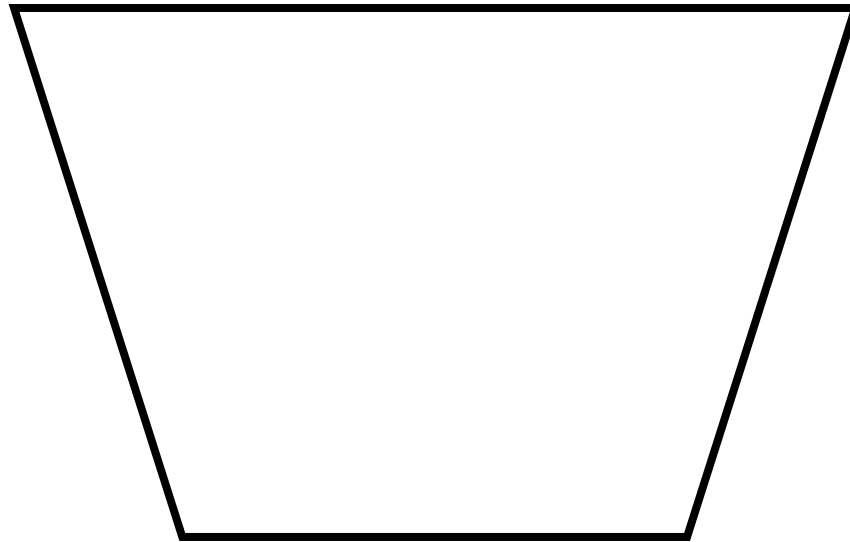


Figure N

- A. Figures K and L only
- B. Figures M only
- C. Figures M and N only
- D. Figures K, L, M, and N

24. Draw the line or lines of symmetry for this figure.

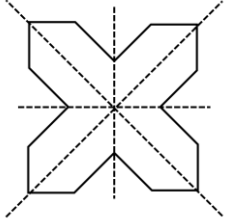
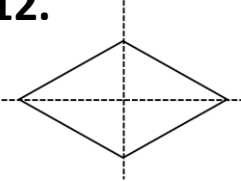
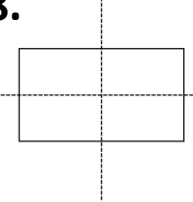
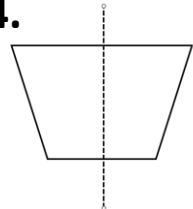
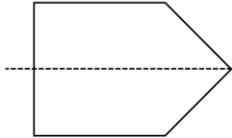




# 4.6.B – Lines of Symmetry

## Problem Set: 5

Note: Some parts of these materials are taken directly from released STAAR tests Copyright © 2015-2021. Texas Education Agency. All Rights Reserved. Used by Permission.

1.  A	2.  C	3.  B	4.  B	5.  C	6. 
7.  B	8.  C	9.  C	10.  C	11.  A	12. 
13.  D	14.  D	15.  A	16.  B	17.  C	18. 
19.  B	20.  A	21.  A,C	22.  A	23.  B	24. 
25.  C	26.  B	27.  D	28.  C	29.  D	30. 



25. Which figures appear to have exactly one line of symmetry?

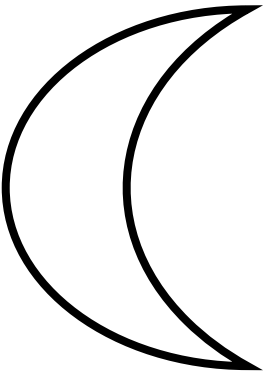


Figure K

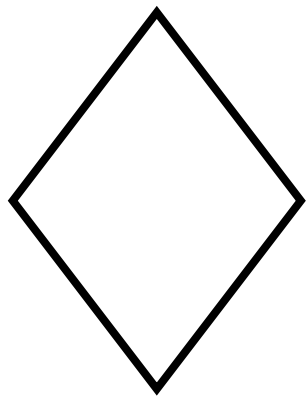


Figure L

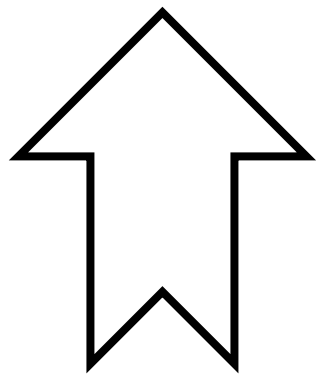


Figure M

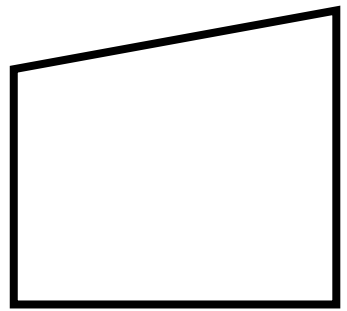


Figure N

- A. Figures K and L only
- B. Figures M and N only
- C. Figures K and M only
- D. Figures K, L, M, and N

26. Leonardo drew these figures.

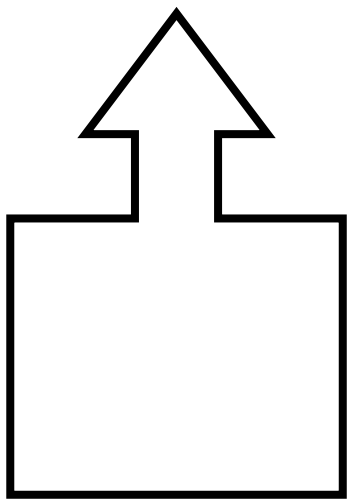


Figure L

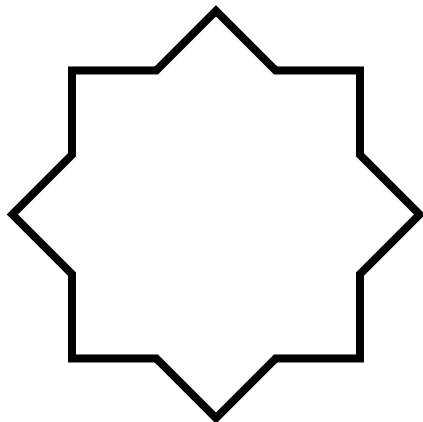


Figure M

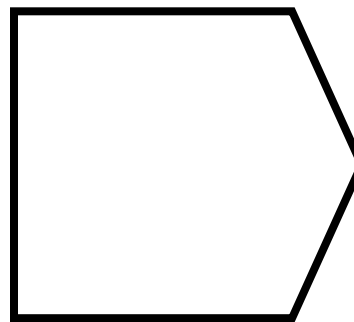


Figure N

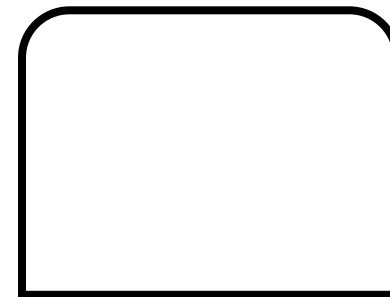


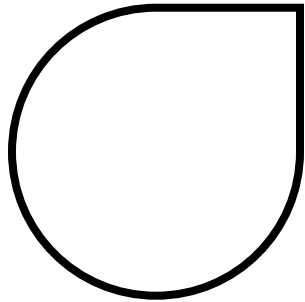
Figure P

Which of these figures appear to have both a horizontal line of symmetry and a vertical line of symmetry?

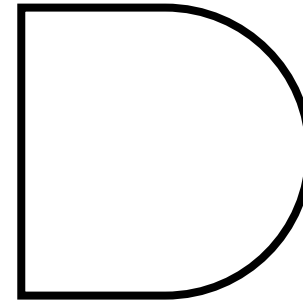
- A. Figure L only
- B. Figure M only
- C. Figure N and Figure P only
- D. Figure L, Figure N, and Figure P

27. Which figure has more than one line of symmetry?

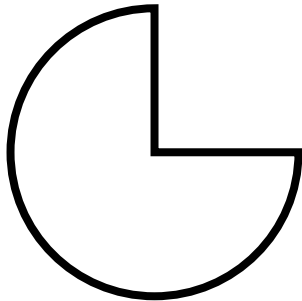
A.



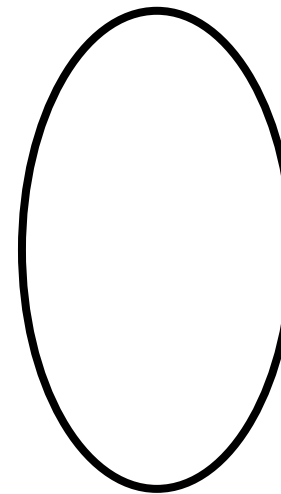
C.



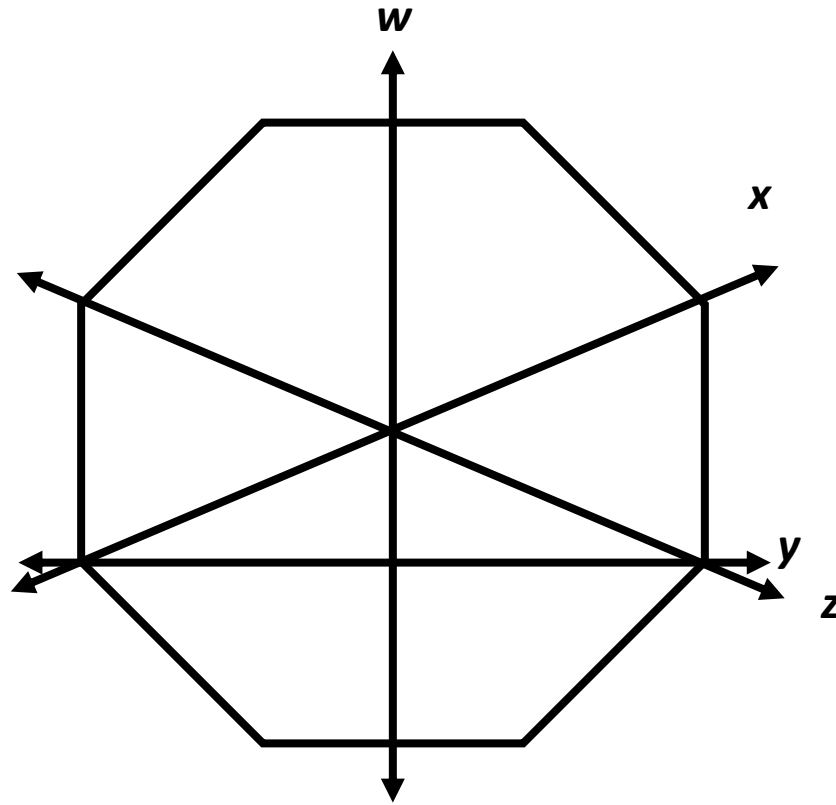
B.



D.



28. The drawing shows four lines through a figure. Three of the lines are lines of symmetry.



Which line does NOT appear to be a line of symmetry for this figure?

- A. Line  $w$
- B. Line  $x$
- C. Line  $y$
- D. Line  $z$

29. Which figures appear to have no lines of symmetry?

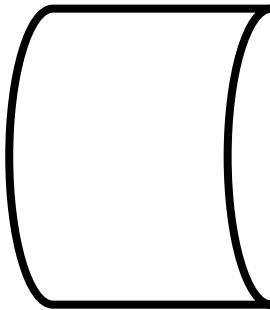


Figure K

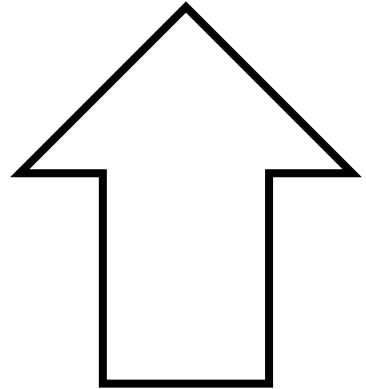


Figure L

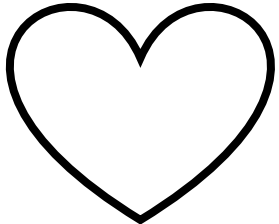


Figure M

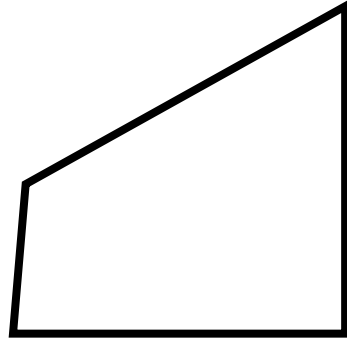


Figure N

- A. Figure M only
- B. Figures M and N only
- C. Figures K, L, and N only
- D. Figure N only

30. Draw the line or lines of symmetry for this figure.

