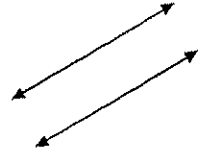


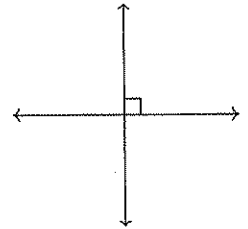
1. These two lines appear to be \_\_\_\_.

- a) perpendicular      b) parallel      c) right      d) intersecting



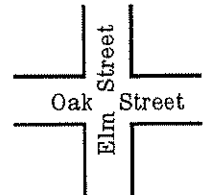
2. The two lines are \_\_\_\_\_.

- a) parallel      b) reflection      c) perpendicular      d) rotation



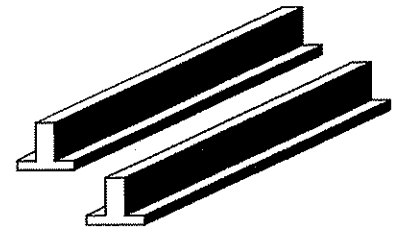
3. The streets in the picture shown are \_\_\_\_.

- a) perpendicular      b) parallel      c) right      d) intersecting



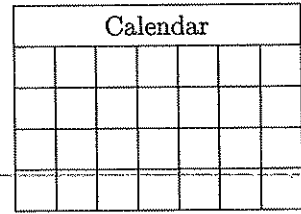
4. These railroad tracks are \_\_\_\_.

- a) perpendicular      b) parallel  
c) right      d) intersecting



5. Which of the following is *not* true about the line segments in the calendar?

- a) Some segments are perpendicular.      b) Some segments are parallel.  
 c) Some segments are diagonal.          d) Some segments are intersecting.



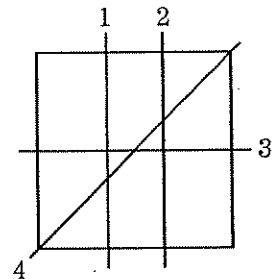
6. Which of the following is *not* true about the line segments in the figure?

- a) Some segments are perpendicular.      b) Some segments are parallel.  
 c) Some segments are diagonal.          d) Some segments are intersecting.



7. Which two line segments appear to be perpendicular?

- a) 1 and 2      b) 2 and 4      c) 1 and 3      d) 3 and 4

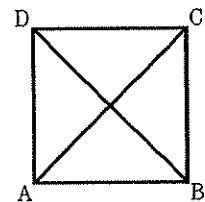


8. Which two line segments appear to be parallel?

- a) 1 and 2      b) 2 and 4      c) 1 and 3      d) 3 and 4

9. Which two line segments appear to be parallel?

- a)  $\overline{BC}$  and  $\overline{CD}$       b)  $\overline{AB}$  and  $\overline{AC}$       c)  $\overline{AB}$  and  $\overline{BC}$       d)  $\overline{AB}$  and  $\overline{CD}$

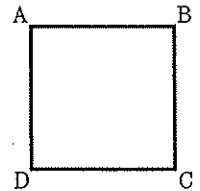


10. Which two line segments appear to be perpendicular?

- a)  $\overline{AC}$  and  $\overline{BD}$       b)  $\overline{AB}$  and  $\overline{CD}$       c)  $\overline{BC}$  and  $\overline{AD}$       d)  $\overline{AC}$  and  $\overline{BC}$

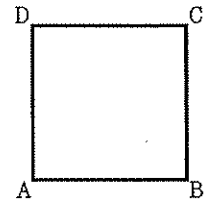
11.  $ABCD$  is a square. Which two sides are parallel?

- a)  $\overline{AB}$  and  $\overline{BC}$       b)  $\overline{AD}$  and  $\overline{BC}$       c)  $\overline{AB}$  and  $\overline{AD}$       d)  $\overline{DC}$  and  $\overline{BC}$



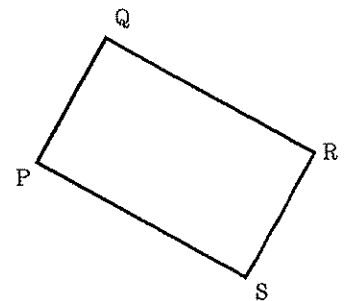
12.  $ABCD$  is a square. Which two sides are perpendicular?

- a)  $\overline{AD}$  and  $\overline{BC}$       b)  $\overline{AB}$  and  $\overline{CD}$       c)  $\overline{AB}$  and  $\overline{AC}$       d)  $\overline{AB}$  and  $\overline{BC}$



13.  $PQRS$  is a rectangle. Which two sides are perpendicular?

- a)  $\overline{QR}$  and  $\overline{PS}$       b)  $\overline{SR}$  and  $\overline{PQ}$       c)  $\overline{SP}$  and  $\overline{RQ}$       d)  $\overline{PQ}$  and  $\overline{QR}$

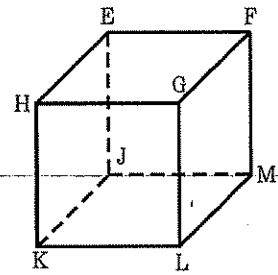


14.  $PQRS$  is a rectangle. Which two sides are parallel?

- a)  $\overline{QR}$  and  $\overline{PS}$       b)  $\overline{SR}$  and  $\overline{SP}$       c)  $\overline{SP}$  and  $\overline{PQ}$       d)  $\overline{PQ}$  and  $\overline{QR}$

15. Which edges of the rectangular solid are parallel?

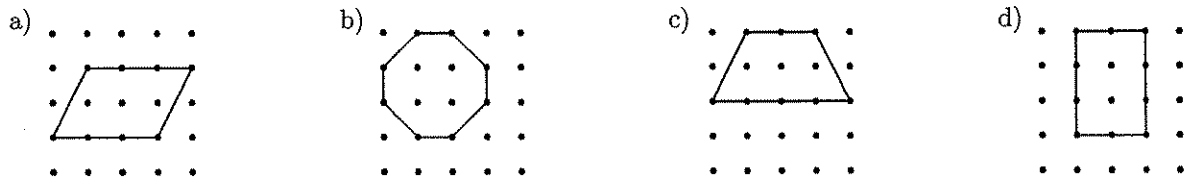
- a)  $\overline{EJ}$  and  $\overline{KJ}$     b)  $\overline{KL}$  and  $\overline{HK}$     c)  $\overline{EF}$  and  $\overline{KL}$     d)  $\overline{LM}$  and  $\overline{EJ}$



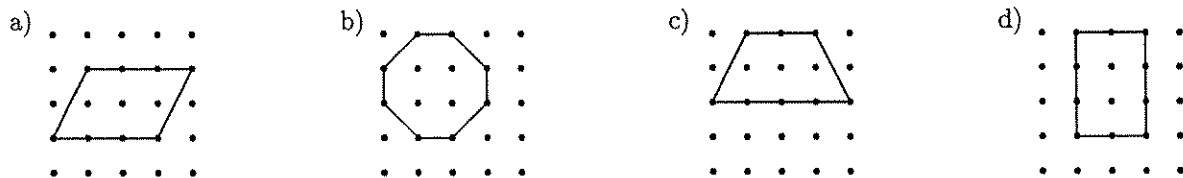
16. Which edges of the rectangular solid are perpendicular?

- a)  $\overline{EF}$  and  $\overline{JM}$     b)  $\overline{EJ}$  and  $\overline{KJ}$     c)  $\overline{KL}$  and  $\overline{HG}$     d)  $\overline{LM}$  and  $\overline{JK}$

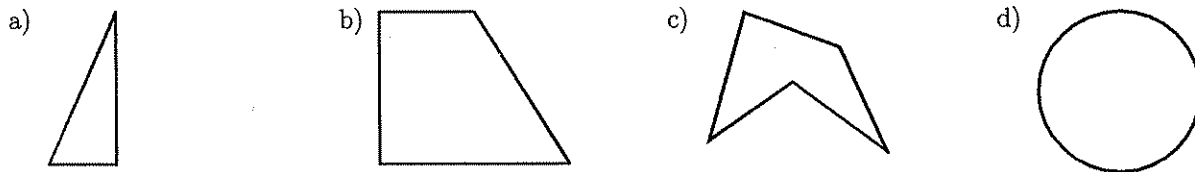
17. Which polygon has more than one pair of perpendicular sides?



18. Which polygon has only one pair of parallel sides?



19. Which drawing best represents a figure with only one pair of parallel lines?

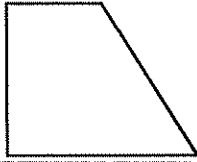


20. Which drawing best represents a figure with no parallel lines?

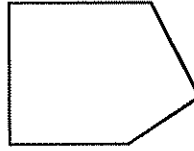
a)



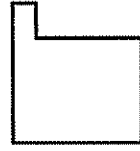
b)



c)



d)



21. Which of these statements is true of parallel lines?

a) They never intersect.

b) They have multiple midpoints.

c) They intersect only once.

d) They always have perpendicular lines.

22. Which of these statements is true of perpendicular lines?

a) They are always parallel.

b) They never intersect.

c) They intersect only once.

d) They have multiple midpoints.