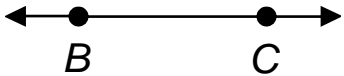
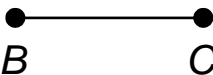
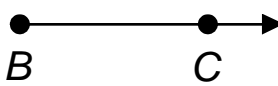
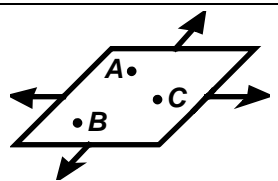


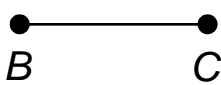
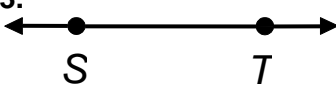
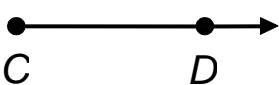
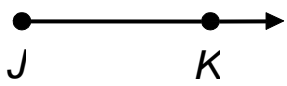
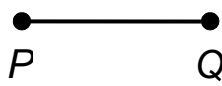
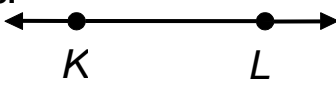
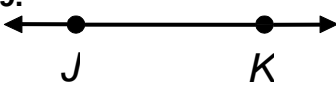
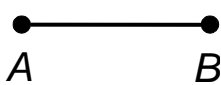
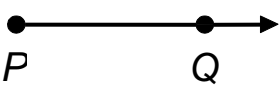
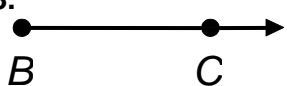
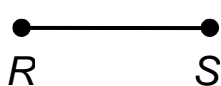
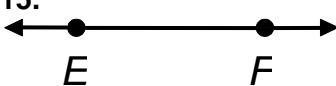
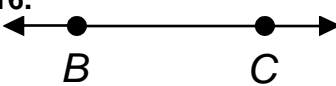
## Geometric Figures: Skill 5 - 20A

**Lines**

Answer: test question 20A is **c.** ray

| Definitions   | Draw   | Read            | Write                     |
|---|--|-----------------|---------------------------|
| <b>Point</b> – A point is an exact location in space. Use a letter to name a point.   | $\bullet A$  | point A         | point A                   |
| <b>Line</b> - A line is straight and has no beginning point or end point. Use two points to name a line.  |  | line AB         | $\overleftrightarrow{AB}$ |
| <b>Line Segment</b> – A part of a line between two endpoints. Use two endpoints to name a line segment.   |  | line segment BC | $\overline{BC}$           |
| <b>Ray</b> – A ray is a part of a line that has one endpoint. It goes on forever in one direction. Use an endpoint and one other point to name a ray. |  | ray BC          | $\overrightarrow{BC}$     |
| <b>Plane</b> – A plane is flat, two-dimensional, endless surface. To name the plane, use three points that are not on a line.                         |  | plane ABC       | plane ABC                 |

**Directions:** Write the name of each figure. Use letters and symbols. Write for example point A, line AB, line segment AB or  $\overline{AB}$ . Write in each box.

|  |  |   |  |
|--|--|---|--|
| 1.<br>$\bullet A$  | 2.<br>  | 3.<br>  | 4.<br>  |
| 5.<br>  | 6.<br>$\bullet J$  | 7.<br>  | 8.<br>  |
| 9.<br>   | 10.<br> | 11.<br>$\bullet P$  | 12.<br> |
| 13.<br> | 14.<br> | 15.<br> | 16.<br> |

## Geometric Figures: Skill 5 - 20A

## Lines and Angles

**Directions:** Draw and label each of the following.

|                               |                               |
|-------------------------------|-------------------------------|
| 17. $\overleftrightarrow{BC}$ | 18. $\overleftrightarrow{RS}$ |
| 19. $\overline{RS}$           | 20. $\overrightarrow{KL}$     |
| 21. $\overrightarrow{PQ}$     | 22. point $D$                 |
| 23. $\overline{CD}$           | 24. $\overrightarrow{XY}$     |
| 25. line $EF$                 | 26. point $A$                 |
| 27. $\overleftrightarrow{AB}$ | 28. point $C$                 |

**Directions:** Use the diagram to answer the questions.

29. Name a line segment.

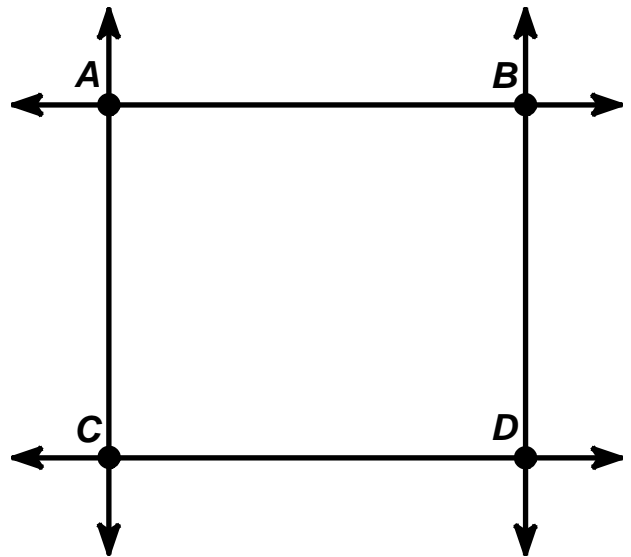
30. Name a line.

31. Name a ray with endpoint  $A$ .

32. Name a point.

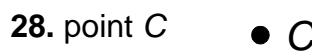
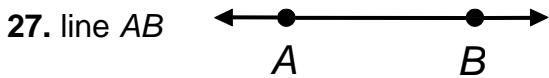
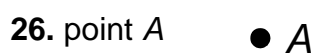
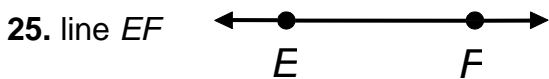
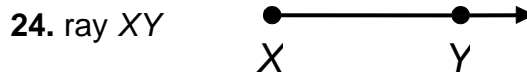
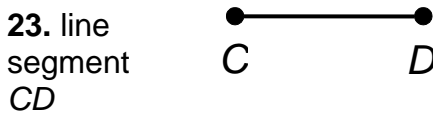
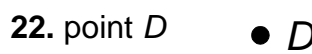
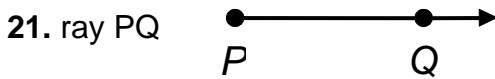
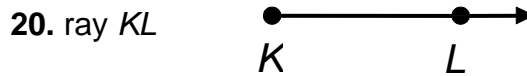
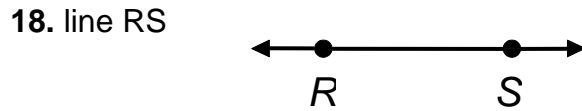
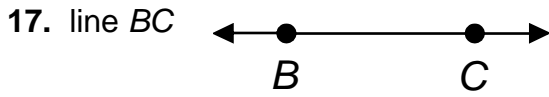
33. Name a ray with endpoint  $C$ .

34. Name two lines that are parallel.

35. Name a line segment that is parallel to  $\overline{AB}$ .36. Name a ray that is parallel to  $\overrightarrow{AB}$ .

Answers: Skill 20A Grade 5

- |              |                       |                      |               |
|--------------|-----------------------|----------------------|---------------|
| 1. point $A$ | 2. line segment $BC$  | 3. line $ST$         | 4. ray $CD$   |
| 5. ray $JK$  | 6. point $J$          | 7. line segment $PQ$ | 8. line $KL$  |
| 9. line $JK$ | 10. line segment $AB$ | 11. point $P$        | 12. ray $PQ$  |
| 13. ray $BC$ | 14. line segment $RS$ | 15. line $EF$        | 16. line $BC$ |



29.  $\overline{AB}$  (there are multiple answers)

30.  $\overleftrightarrow{AB}$  (there are multiple answers)

31.  $\overrightarrow{AB}$  or  $\overrightarrow{AC}$

32.  $\bullet A$ ,  $\bullet B$ ,  $\bullet C$  or  $\bullet D$

33.  $\overrightarrow{CA}$  or  $\overrightarrow{CD}$

34.  $\overleftrightarrow{AB}$ ,  $\overleftrightarrow{CD}$        $\overleftrightarrow{AC}$ ,  $\overleftrightarrow{BD}$

35.  $\overline{CD}$

36.  $\overrightarrow{CD}$