

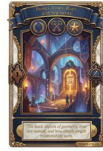
Points, Lines, Rays, and Segments

The basic objects of geometry, how they are named, and how simple length relationships work.

Name _____ Date _____

32 main 2-up grid 11 pages visible side quests

Completion Reward



Shown here as a small pack artifact, not a preview destination.

1. How many endpoints does a segment have?

- A. 1
- B. 0
- C. 4
- D. 2

1.1. Which object has two endpoints?

- A. Line
- B. Ray
- C. Segment
- D. Plane

1.2. Angles that add to 90 degrees are:

- A. supplementary
- B. vertical
- C. complementary
- D. congruent

1.3. Angles that add to 180 degrees are:

- A. supplementary
- B. complementary
- C. adjacent only
- D. acute

1.4. If a triangle has angles 50 degrees and 60 degrees, the third angle is:

- A. 70 degrees
- B. 80 degrees
- C. 90 degrees
- D. 110 degrees

1.5. Perimeter measures:

- A. space inside a figure
- B. distance around a figure
- C. slant height only
- D. number of sides

2. Which statement describes parallel lines?

- A. They always cross at a right angle
- B. They share all the same points
- C. They must be vertical
- D. They stay the same distance apart and never meet

2.1. Which object has two endpoints?

- A. Line
- B. Ray
- C. Segment
- D. Plane

2.2. Angles that add to 90 degrees are:

- A. supplementary
- B. vertical
- C. complementary
- D. congruent

2.3. Angles that add to 180 degrees are:

- A. supplementary
- B. complementary
- C. adjacent only
- D. acute

2.4. If a triangle has angles 50 degrees and 60 degrees, the third angle is:

- A. 70 degrees
- B. 80 degrees
- C. 90 degrees
- D. 110 degrees

2.5. Perimeter measures:

- A. space inside a figure
- B. distance around a figure
- C. slant height only
- D. number of sides

3. Perpendicular lines intersect to form what kind of angle?

- A. An acute angle
- B. An obtuse angle
- C. A straight angle
- D. A right angle

3.1. Which object has two endpoints?

- A. Line
- B. Ray
- C. Segment
- D. Plane

3.2. Angles that add to 90 degrees are:

- A. supplementary
- B. vertical
- C. complementary
- D. congruent

3.3. Angles that add to 180 degrees are:

- A. supplementary
- B. complementary
- C. adjacent only
- D. acute

3.4. If a triangle has angles 50 degrees and 60 degrees, the third angle is:

- A. 70 degrees
- B. 80 degrees
- C. 90 degrees
- D. 110 degrees

3.5. Perimeter measures:

- A. space inside a figure
- B. distance around a figure
- C. slant height only
- D. number of sides

4. Which object extends forever in both directions?



Unlike a segment or ray, a line has no endpoints and continues without end in both directions.

- A. A ray
- B. A segment
- C. A line
- D. A midpoint

4.1. Which object has two endpoints?

- A. Line
- B. Ray
- C. Segment
- D. Plane

4.2. Angles that add to 90 degrees are:

- A. supplementary
- B. vertical
- C. complementary
- D. congruent

4.3. Angles that add to 180 degrees are:

- A. supplementary
- B. complementary
- C. adjacent only
- D. acute

4.4. If a triangle has angles 50 degrees and 60 degrees, the third angle is:

- A. 70 degrees
- B. 80 degrees
- C. 90 degrees
- D. 110 degrees

4.5. Perimeter measures:

- A. space inside a figure
- B. distance around a figure
- C. slant height only
- D. number of sides

5. Which object has one endpoint and continues forever in one direction?

- A. A line
- B. A ray
- C. A segment
- D. A polygon

5.1. Which object has two endpoints?

- A. Line
- B. Ray
- C. Segment
- D. Plane

5.2. Angles that add to 90 degrees are:

- A. supplementary
- B. vertical
- C. complementary
- D. congruent

5.3. Angles that add to 180 degrees are:

- A. supplementary
- B. complementary
- C. adjacent only
- D. acute

5.4. If a triangle has angles 50 degrees and 60 degrees, the third angle is:

- A. 70 degrees
- B. 80 degrees
- C. 90 degrees
- D. 110 degrees

5.5. Perimeter measures:

- A. space inside a figure
- B. distance around a figure
- C. slant height only
- D. number of sides

6. In ray AB, which point is the endpoint?

- A. B
- B. Both A and B
- C. Neither A nor B
- D. A

6.1. Which object has two endpoints?

- A. Line
- B. Ray
- C. Segment
- D. Plane

6.2. Angles that add to 90 degrees are:

- A. supplementary
- B. vertical
- C. complementary
- D. congruent

6.3. Angles that add to 180 degrees are:

- A. supplementary
- B. complementary
- C. adjacent only
- D. acute

6.4. If a triangle has angles 50 degrees and 60 degrees, the third angle is:

- A. 70 degrees
- B. 80 degrees
- C. 90 degrees
- D. 110 degrees

6.5. Perimeter measures:

- A. space inside a figure
- B. distance around a figure
- C. slant height only
- D. number of sides

7. What does collinear mean?



Points are collinear when a single straight line passes through all of them.

- A. Points are the same distance from zero
- B. Points form a right angle
- C. Points always have equal coordinates
- D. Points lie on the same line

7.3. Angles that add to 180 degrees are:

- A. supplementary
- B. complementary
- C. adjacent only
- D. acute

7.1. Which object has two endpoints?

- A. Line
- B. Ray
- C. Segment
- D. Plane

7.2. Angles that add to 90 degrees are:

- A. supplementary
- B. vertical
- C. complementary
- D. congruent

7.4. If a triangle has angles 50 degrees and 60 degrees, the third angle is:

- A. 70 degrees
- B. 80 degrees
- C. 90 degrees
- D. 110 degrees

7.5. Perimeter measures:

- A. space inside a figure
- B. distance around a figure
- C. slant height only
- D. number of sides

8. What is true when two lines intersect?

- A. They can never cross
- B. They share at least one point
- C. They must be parallel
- D. They must have endpoints

8.1. Which object has two endpoints?

- A. Line
- B. Ray
- C. Segment
- D. Plane

8.2. Angles that add to 90 degrees are:

- A. supplementary
- B. vertical
- C. complementary
- D. congruent

8.3. Angles that add to 180 degrees are:

- A. supplementary
- B. complementary
- C. adjacent only
- D. acute

8.4. If a triangle has angles 50 degrees and 60 degrees, the third angle is:

- A. 70 degrees
- B. 80 degrees
- C. 90 degrees
- D. 110 degrees

8.5. Perimeter measures:

- A. space inside a figure
- B. distance around a figure
- C. slant height only
- D. number of sides

9. What does it mean if two segments are congruent?

- A. They have the same length
- B. They are on the same line
- C. They point in the same direction
- D. They share an endpoint

9.1. Which object has two endpoints?

- A. Line
- B. Ray
- C. Segment
- D. Plane

9.2. Angles that add to 90 degrees are:

- A. supplementary
- B. vertical
- C. complementary
- D. congruent

9.3. Angles that add to 180 degrees are:

- A. supplementary
- B. complementary
- C. adjacent only
- D. acute

9.4. If a triangle has angles 50 degrees and 60 degrees, the third angle is:

- A. 70 degrees
- B. 80 degrees
- C. 90 degrees
- D. 110 degrees

9.5. Perimeter measures:

- A. space inside a figure
- B. distance around a figure
- C. slant height only
- D. number of sides

10. Opposite rays share an endpoint and do what?

- A. Form a right angle
- B. Create a triangle
- C. Form a straight line
- D. Create parallel lines

10.1. Which object has two endpoints?

- A. Line
- B. Ray
- C. Segment
- D. Plane

10.2. Angles that add to 90 degrees are:

- A. supplementary
- B. vertical
- C. complementary
- D. congruent

10.3. Angles that add to 180 degrees are:

- A. supplementary
- B. complementary
- C. adjacent only
- D. acute

10.4. If a triangle has angles 50 degrees and 60 degrees, the third angle is:

- A. 70 degrees
- B. 80 degrees
- C. 90 degrees
- D. 110 degrees

10.5. Perimeter measures:

- A. space inside a figure
- B. distance around a figure
- C. slant height only
- D. number of sides

11. What is always true about perpendicular lines?

- A. They never intersect
- B. They have the same slope in every case
- C. They are always horizontal
- D. They intersect to form a right angle

11.1. Which object has two endpoints?

- A. Line
- B. Ray
- C. Segment
- D. Plane

11.2. Angles that add to 90 degrees are:

- A. supplementary
- B. vertical
- C. complementary
- D. congruent

11.3. Angles that add to 180 degrees are:

- A. supplementary
- B. complementary
- C. adjacent only
- D. acute

11.4. If a triangle has angles 50 degrees and 60 degrees, the third angle is:

- A. 70 degrees
- B. 80 degrees
- C. 90 degrees
- D. 110 degrees

11.5. Perimeter measures:

- A. space inside a figure
- B. distance around a figure
- C. slant height only
- D. number of sides

12. What is true about parallel lines in a plane?

- A. They always form right angles
- B. They never meet
- C. They must be the same line
- D. They share all points

12.1. Which object has two endpoints?

- A. Line
- B. Ray
- C. Segment
- D. Plane

12.2. Angles that add to 90 degrees are:

- A. supplementary
- B. vertical
- C. complementary
- D. congruent

12.3. Angles that add to 180 degrees are:

- A. supplementary
- B. complementary
- C. adjacent only
- D. acute

12.4. If a triangle has angles 50 degrees and 60 degrees, the third angle is:

- A. 70 degrees
- B. 80 degrees
- C. 90 degrees
- D. 110 degrees

12.5. Perimeter measures:

- A. space inside a figure
- B. distance around a figure
- C. slant height only
- D. number of sides

13. In the diagram, which name matches the segment with endpoints A and B?



A segment is the finite part of a line bounded by its two endpoints.

- A. ray AB
- B. line AB
- C. segment AB
- D. angle AB

13.1. Which object has two endpoints?

- A. Line
- B. Ray
- C. Segment
- D. Plane

13.2. Angles that add to 90 degrees are:

- A. supplementary
- B. vertical
- C. complementary
- D. congruent

13.3. Angles that add to 180 degrees are:

- A. supplementary
- B. complementary
- C. adjacent only
- D. acute

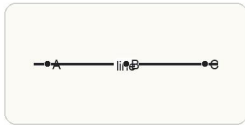
13.4. If a triangle has angles 50 degrees and 60 degrees, the third angle is:

- A. 70 degrees
- B. 80 degrees
- C. 90 degrees
- D. 110 degrees

13.5. Perimeter measures:

- A. space inside a figure
- B. distance around a figure
- C. slant height only
- D. number of sides

14. Which statement is true about points A, B, and C in the diagram?



Use the drawing to decide whether the labeled points lie on one line and which named objects they determine.

- A. They form a triangle
- B. Only A and C are on the line
- C. They are collinear
- D. Point B is off the line

14.1. Which object has two endpoints?

- A. Line
- B. Ray
- C. Segment
- D. Plane

14.2. Angles that add to 90 degrees are:

- A. supplementary
- B. vertical
- C. complementary
- D. congruent

14.3. Angles that add to 180 degrees are:

- A. supplementary
- B. complementary
- C. adjacent only
- D. acute

14.4. If a triangle has angles 50 degrees and 60 degrees, the third angle is:

- A. 70 degrees
- B. 80 degrees
- C. 90 degrees
- D. 110 degrees

14.5. Perimeter measures:

- A. space inside a figure
- B. distance around a figure
- C. slant height only
- D. number of sides

15. Which object has exactly one endpoint?

- A. A ray
- B. A line
- C. A segment
- D. An angle

15.1. Which object has two endpoints?

- A. Line
- B. Ray
- C. Segment
- D. Plane

15.2. Angles that add to 90 degrees are:

- A. supplementary
- B. vertical
- C. complementary
- D. congruent

15.3. Angles that add to 180 degrees are:

- A. supplementary
- B. complementary
- C. adjacent only
- D. acute

15.4. If a triangle has angles 50 degrees and 60 degrees, the third angle is:

- A. 70 degrees
- B. 80 degrees
- C. 90 degrees
- D. 110 degrees

15.5. Perimeter measures:

- A. space inside a figure
- B. distance around a figure
- C. slant height only
- D. number of sides

16. If $AB = 4$, $BC = 7$, and B is between A and C , what is the best next step to find AC ?

- A. Add AB and BC
- B. Subtract BC from AB
- C. Multiply AB and BC
- D. Divide BC by AB

16.1. Which object has two endpoints?

- A. Line
- B. Ray
- C. Segment
- D. Plane

16.2. Angles that add to 90 degrees are:

- A. supplementary
- B. vertical
- C. complementary
- D. congruent

16.3. Angles that add to 180 degrees are:

- A. supplementary
- B. complementary
- C. adjacent only
- D. acute

16.4. If a triangle has angles 50 degrees and 60 degrees, the third angle is:

- A. 70 degrees
- B. 80 degrees
- C. 90 degrees
- D. 110 degrees

16.5. Perimeter measures:

- A. space inside a figure
- B. distance around a figure
- C. slant height only
- D. number of sides

17. If B is the midpoint of AC and $AC = 26$, what is the best next step to find AB ?

- A. Divide 26 by 2
- B. Multiply 26 by 2
- C. Add 26 and 2
- D. Subtract 2 from 26

17.1. Which object has two endpoints?

- A. Line
- B. Ray
- C. Segment
- D. Plane

17.2. Angles that add to 90 degrees are:

- A. supplementary
- B. vertical
- C. complementary
- D. congruent

17.3. Angles that add to 180 degrees are:

- A. supplementary
- B. complementary
- C. adjacent only
- D. acute

17.4. If a triangle has angles 50 degrees and 60 degrees, the third angle is:

- A. 70 degrees
- B. 80 degrees
- C. 90 degrees
- D. 110 degrees

17.5. Perimeter measures:

- A. space inside a figure
- B. distance around a figure
- C. slant height only
- D. number of sides

18. A student says a line segment goes on forever in both directions. What is the mistake?

- A. That describes a ray, not a segment
- B. That describes a line, not a segment
- C. A segment has one endpoint only
- D. A segment is always curved

18.1. Which object has two endpoints?

- A. Line
- B. Ray
- C. Segment
- D. Plane

18.2. Angles that add to 90 degrees are:

- A. supplementary
- B. vertical
- C. complementary
- D. congruent

18.3. Angles that add to 180 degrees are:

- A. supplementary
- B. complementary
- C. adjacent only
- D. acute

18.4. If a triangle has angles 50 degrees and 60 degrees, the third angle is:

- A. 70 degrees
- B. 80 degrees
- C. 90 degrees
- D. 110 degrees

18.5. Perimeter measures:

- A. space inside a figure
- B. distance around a figure
- C. slant height only
- D. number of sides

19. A student says a segment extends forever in both directions. What is wrong?

- A. That describes a ray, not a segment
- B. That describes a line, not a segment
- C. Segments have one endpoint
- D. Segments are always vertical

19.1. Which object has two endpoints?

- A. Line
- B. Ray
- C. Segment
- D. Plane

19.2. Angles that add to 90 degrees are:

- A. supplementary
- B. vertical
- C. complementary
- D. congruent

19.3. Angles that add to 180 degrees are:

- A. supplementary
- B. complementary
- C. adjacent only
- D. acute

19.4. If a triangle has angles 50 degrees and 60 degrees, the third angle is:

- A. 70 degrees
- B. 80 degrees
- C. 90 degrees
- D. 110 degrees

19.5. Perimeter measures:

- A. space inside a figure
- B. distance around a figure
- C. slant height only
- D. number of sides

20. A student says if M is the midpoint of AB, then $AM = AB$. What is the mistake?

- A. A midpoint is always an endpoint
- B. Midpoints only exist on horizontal segments
- C. A midpoint gives half the whole segment, not the entire segment
- D. AB must be 0

20.1. Which object has two endpoints?

- A. Line
- B. Ray
- C. Segment
- D. Plane

20.2. Angles that add to 90 degrees are:

- A. supplementary
- B. vertical
- C. complementary
- D. congruent

20.3. Angles that add to 180 degrees are:

- A. supplementary
- B. complementary
- C. adjacent only
- D. acute

20.4. If a triangle has angles 50 degrees and 60 degrees, the third angle is:

- A. 70 degrees
- B. 80 degrees
- C. 90 degrees
- D. 110 degrees

20.5. Perimeter measures:

- A. space inside a figure
- B. distance around a figure
- C. slant height only
- D. number of sides

21. If $AB = 3$ and $BC = 5$ with **B** between **A** and **C**, find **AC**. Answer with a number.

21.3. Angles that add to 180 degrees are:

- A. supplementary
- B. complementary
- C. adjacent only
- D. acute

22. If $AC = 12$ and $AB = 5$ with **B** between **A** and **C**, find **BC**. Answer with a number.

22.3. Angles that add to 180 degrees are:

- A. supplementary
- B. complementary
- C. adjacent only
- D. acute

23. If $AD = 6$ and $DB = 4$ with **D** between **A** and **B**, find **AB**. Answer with a number.

23.3. Angles that add to 180 degrees are:

- A. supplementary
- B. complementary
- C. adjacent only
- D. acute

21.1. Which object has two endpoints?

- A. Line
- B. Ray
- C. Segment
- D. Plane

21.4. If a triangle has angles 50 degrees and 60 degrees, the third angle is:

- A. 70 degrees
- B. 80 degrees
- C. 90 degrees
- D. 110 degrees

22.1. Which object has two endpoints?

- A. Line
- B. Ray
- C. Segment
- D. Plane

22.4. If a triangle has angles 50 degrees and 60 degrees, the third angle is:

- A. 70 degrees
- B. 80 degrees
- C. 90 degrees
- D. 110 degrees

23.1. Which object has two endpoints?

- A. Line
- B. Ray
- C. Segment
- D. Plane

23.4. If a triangle has angles 50 degrees and 60 degrees, the third angle is:

- A. 70 degrees
- B. 80 degrees
- C. 90 degrees
- D. 110 degrees

21.2. Angles that add to 90 degrees are:

- A. supplementary
- B. vertical
- C. complementary
- D. congruent

21.5. Perimeter measures:

- A. space inside a figure
- B. distance around a figure
- C. slant height only
- D. number of sides

22.2. Angles that add to 90 degrees are:

- A. supplementary
- B. vertical
- C. complementary
- D. congruent

22.5. Perimeter measures:

- A. space inside a figure
- B. distance around a figure
- C. slant height only
- D. number of sides

23.2. Angles that add to 90 degrees are:

- A. supplementary
- B. vertical
- C. complementary
- D. congruent

23.5. Perimeter measures:

- A. space inside a figure
- B. distance around a figure
- C. slant height only
- D. number of sides

24. Point M is the midpoint of CD. If $CD = 18$, find CM. Answer with a number.

24.3. Angles that add to 180 degrees are:

- A. supplementary
- B. complementary
- C. adjacent only
- D. acute

25. If $QP = 8$ and $PR = 6$ with P between Q and R, find QR. Answer with a number.

25.3. Angles that add to 180 degrees are:

- A. supplementary
- B. complementary
- C. adjacent only
- D. acute

26. If $AB = 7$ and $BC = 7$ with B between A and C, find AC. Answer with a number.

26.3. Angles that add to 180 degrees are:

- A. supplementary
- B. complementary
- C. adjacent only
- D. acute

24.1. Which object has two endpoints?

- A. Line
- B. Ray
- C. Segment
- D. Plane

24.4. If a triangle has angles 50 degrees and 60 degrees, the third angle is:

- A. 70 degrees
- B. 80 degrees
- C. 90 degrees
- D. 110 degrees

25.1. Which object has two endpoints?

- A. Line
- B. Ray
- C. Segment
- D. Plane

25.4. If a triangle has angles 50 degrees and 60 degrees, the third angle is:

- A. 70 degrees
- B. 80 degrees
- C. 90 degrees
- D. 110 degrees

26.1. Which object has two endpoints?

- A. Line
- B. Ray
- C. Segment
- D. Plane

26.4. If a triangle has angles 50 degrees and 60 degrees, the third angle is:

- A. 70 degrees
- B. 80 degrees
- C. 90 degrees
- D. 110 degrees

24.2. Angles that add to 90 degrees are:

- A. supplementary
- B. vertical
- C. complementary
- D. congruent

24.5. Perimeter measures:

- A. space inside a figure
- B. distance around a figure
- C. slant height only
- D. number of sides

25.2. Angles that add to 90 degrees are:

- A. supplementary
- B. vertical
- C. complementary
- D. congruent

25.5. Perimeter measures:

- A. space inside a figure
- B. distance around a figure
- C. slant height only
- D. number of sides

26.2. Angles that add to 90 degrees are:

- A. supplementary
- B. vertical
- C. complementary
- D. congruent

26.5. Perimeter measures:

- A. space inside a figure
- B. distance around a figure
- C. slant height only
- D. number of sides

27. If $AC = 25$ and $DC = 11$ with D between A and C , find AD . Answer with a number.

27.1. Which object has two endpoints?

- A. Line
- B. Ray
- C. Segment
- D. Plane

27.2. Angles that add to 90 degrees are:

- A. supplementary
- B. vertical
- C. complementary
- D. congruent

27.3. Angles that add to 180 degrees are:

- A. supplementary
- B. complementary
- C. adjacent only
- D. acute

27.4. If a triangle has angles 50 degrees and 60 degrees, the third angle is:

- A. 70 degrees
- B. 80 degrees
- C. 90 degrees
- D. 110 degrees

27.5. Perimeter measures:

- A. space inside a figure
- B. distance around a figure
- C. slant height only
- D. number of sides

28. What is always true if M is the midpoint of AB ?

- A. $AM = MB$
- B. $AM > MB$
- C. $AB = MB$
- D. M is an endpoint

28.1. Which object has two endpoints?

- A. Line
- B. Ray
- C. Segment
- D. Plane

28.2. Angles that add to 90 degrees are:

- A. supplementary
- B. vertical
- C. complementary
- D. congruent

28.3. Angles that add to 180 degrees are:

- A. supplementary
- B. complementary
- C. adjacent only
- D. acute

28.4. If a triangle has angles 50 degrees and 60 degrees, the third angle is:

- A. 70 degrees
- B. 80 degrees
- C. 90 degrees
- D. 110 degrees

28.5. Perimeter measures:

- A. space inside a figure
- B. distance around a figure
- C. slant height only
- D. number of sides

29. If M is the midpoint of AB , $AM = 2x + 1$, and $MB = 9$, what is the best next step?

- A. Add $2x + 1$ and 9
- B. Set $2x + 1$ equal to 9
- C. Subtract 9 from AB
- D. Multiply both lengths by 2

29.1. Which object has two endpoints?

- A. Line
- B. Ray
- C. Segment
- D. Plane

29.2. Angles that add to 90 degrees are:

- A. supplementary
- B. vertical
- C. complementary
- D. congruent

29.3. Angles that add to 180 degrees are:

- A. supplementary
- B. complementary
- C. adjacent only
- D. acute

29.4. If a triangle has angles 50 degrees and 60 degrees, the third angle is:

- A. 70 degrees
- B. 80 degrees
- C. 90 degrees
- D. 110 degrees

29.5. Perimeter measures:

- A. space inside a figure
- B. distance around a figure
- C. slant height only
- D. number of sides

30. Point M is the midpoint of AB. If $AB = 14$, what is AM ? Answer with a number.

30.1. Which object has two endpoints?

- A. Line
- B. Ray
- C. Segment
- D. Plane

30.2. Angles that add to 90 degrees are:

- A. supplementary
- B. vertical
- C. complementary
- D. congruent

30.3. Angles that add to 180 degrees are:

- A. supplementary
- B. complementary
- C. adjacent only
- D. acute

30.4. If a triangle has angles 50 degrees and 60 degrees, the third angle is:

- A. 70 degrees
- B. 80 degrees
- C. 90 degrees
- D. 110 degrees

30.5. Perimeter measures:

- A. space inside a figure
- B. distance around a figure
- C. slant height only
- D. number of sides

31. If $AB = 3x + 1$, $BC = 4$, and $AC = 14$ with B between A and C, find x. Answer with a number.

31.1. Which object has two endpoints?

- A. Line
- B. Ray
- C. Segment
- D. Plane

31.2. Angles that add to 90 degrees are:

- A. supplementary
- B. vertical
- C. complementary
- D. congruent

31.3. Angles that add to 180 degrees are:

- A. supplementary
- B. complementary
- C. adjacent only
- D. acute

31.4. If a triangle has angles 50 degrees and 60 degrees, the third angle is:

- A. 70 degrees
- B. 80 degrees
- C. 90 degrees
- D. 110 degrees

31.5. Perimeter measures:

- A. space inside a figure
- B. distance around a figure
- C. slant height only
- D. number of sides

32. If M is the midpoint of AB, $AM = 2x + 1$, and $MB = 9$, find x. Answer with a number.

32.1. Which object has two endpoints?

- A. Line
- B. Ray
- C. Segment
- D. Plane

32.2. Angles that add to 90 degrees are:

- A. supplementary
- B. vertical
- C. complementary
- D. congruent

32.3. Angles that add to 180 degrees are:

- A. supplementary
- B. complementary
- C. adjacent only
- D. acute

32.4. If a triangle has angles 50 degrees and 60 degrees, the third angle is:

- A. 70 degrees
- B. 80 degrees
- C. 90 degrees
- D. 110 degrees

32.5. Perimeter measures:

- A. space inside a figure
- B. distance around a figure
- C. slant height only
- D. number of sides