Geometry: Lines and Angles

Exam not valid for Paper Pencil Test Sessions

1 What is the picture below an example of?



- A line
- **B** ray
- C point
- **D** line segement

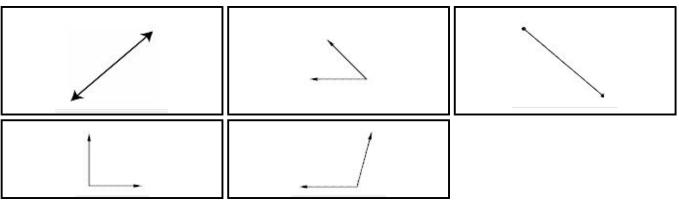
What is the following picture an example of:



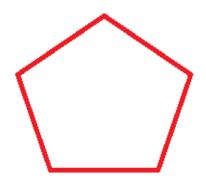
- A ray
- **B** angle
- C line
- **D** line segment

3 Click on a box to choose each figure you want to select. You must select all correct examples.

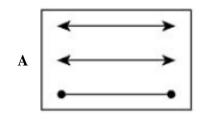
Choose all the angles.

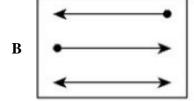


4 How many line segments are in the figure below?



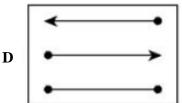
- A 4
- **B** 5
- C 6
- **D** 0
- ⁵ Alfred drew two rays and a line segment in his geometry notebook. Which of these could be the picture Alfred drew?



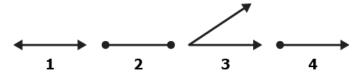


C





6 Directions: Type your answer in the box.



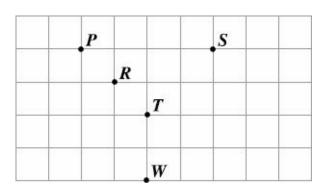
Which number shows a drawing of a line?

⁷ Match each word to the correct picture.

	angle
←	line
•	point
•——•	line segment
•——	ray

- 8 What is the picture below an example of ?
 - A line segment
 - **B** line
 - C angle
 - **D** ray

⁹ You can draw on the grid to help find the answer.



Three of the points on the grid above can be connected to make 1 line segment. Which 3 points are they?

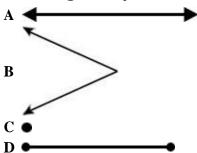
- A Points S, R, and T
- **B** Points *P*, *R*, and *T*
- C Points P, R, and W
- **D** Points S, T, and W

- 10 A figure that has two endpoints is a A angle
 B line segment
 C line
 D ray
- 11 Elijah drew this picture of a caterpillar in science class.



Which part of the caterpillar BEST represents an angle?

- A B C C
- 12 Which figure represents an angle?



13 Click on a box to choose an answer. You must select all of the correct answers.

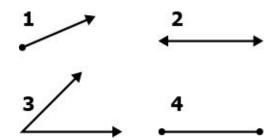
Which of the following are part of a line?

←
A point
a ray
An angle
A line segment
A triangle

14 Only a square has four sides -

- A of equal length and four right angles
- B of equal length
- C and four right angles
- **D** with varied measurements

15



Which figure represents a ray?

- A Figure 1
- **B** Figure 3
- C Figure 4
- **D** Figure 2

16 Directions: Type your answer in the box.

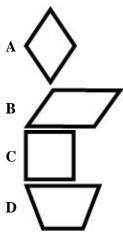
Look at the table.

Number	Name of Shape
1	Square
2	Rectangle
3	Quadrilateral
4	Parallelogram

Type in the number of the name that correctly fills in the blank.

Any shape with four sides is number '

Which is most likely a rectangle?



18 Which of the following is always true about a triangle?

- A A triangle has three sides.
- $\,B\,$ The sides of a triangle are always unequal.
- C A triangle has five sides.
- **D** The sides of a triangle are always equal.

19 How many sides would five triangles have all together?

- A 25
- **B** 10
- C 15
- D 21

20 Which is true of a square?

- A It has 4 curved sides.
- **B** It has only 1 pair of parallel sides.
- $\mathbf{C}\$ It has 4 right angles.
- $\ensuremath{\mathbf{D}}$ It has no sides of equal length.