

1. How is this polygon *best* classified?



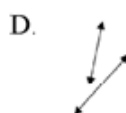
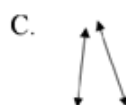
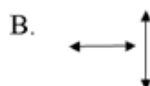
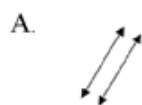
- A. as a hexagon
- B. as an octagon
- C. as a pentagon
- D. as a quadrilateral

2. What type of triangle is shown?



- A. right
- B. obtuse
- C. isosceles
- D. equilateral

3. Which lines shown represent perpendicular lines?



4. Which figure has no parallel lines?

- A. pentagon
- B. rhombus
- C. trapezoid
- D. triangle

5. Which is true about a regular polygon?

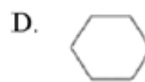
- A. All the interior angles of a polygon are congruent, but all the sides of a polygon are not congruent.
- B. All the sides of a polygon are congruent, but all the interior angles of a polygon are not congruent.
- C. All the interior angles and sides of a polygon are congruent.
- D. Neither the interior angles nor the sides of a polygon are congruent.

6. Allison's picture frame is an equilateral triangle. The perimeter is 3,600 centimeters. She needs to put the wood on the last side of the frame.

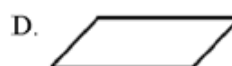
How long will the piece of wood need to be?

- A. 1,200 centimeters
  - B. 200 centimeters
  - C. 120 centimeters
  - D. 12 centimeters
7. Which two figures have less than 6 sides?
- A. quadrilateral and a triangle
  - B. hexagon and quadrilateral
  - C. octagon and triangle
  - D. pentagon and hexagon
8. Which quadrilateral never has equal sides?
- A. square
  - B. trapezoid
  - C. hexagon
  - D. pentagon

9. Which figure shown appears to have both parallel and perpendicular lines?



10. Which polygon shown is a parallelogram?



11. What type of triangle is shown?



- A. right
- B. obtuse
- C. isosceles
- D. equilateral

12. Which letter shown has no parallel or perpendicular lines?

- A. **A**
- B. **E**
- C. **F**
- D. **T**

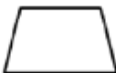
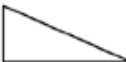

13. Which regular polygon has 5 sides and 5 angles?

- A. triangle
- B. pentagon
- C. octagon
- D. hexagon

14. Which statement is true?

- A. All rectangles are squares.
- B. All parallelograms are rectangles.
- C. All rhombuses are rectangles.
- D. All squares are rectangles.

15. Which is a regular polygon?

- A. 
- B. 
- C. 
- D. 