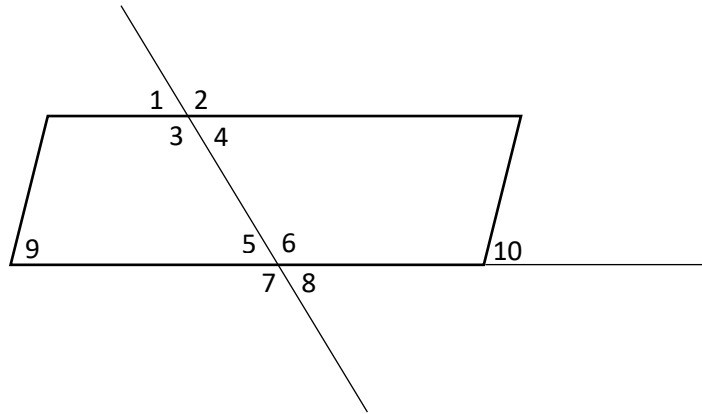


QUIZ CST: ANGLES AND PARALELL LINES

MULTIPLE CHOICE (2 marks each)

The following diagram will help you answer questions 1 to 4 below.

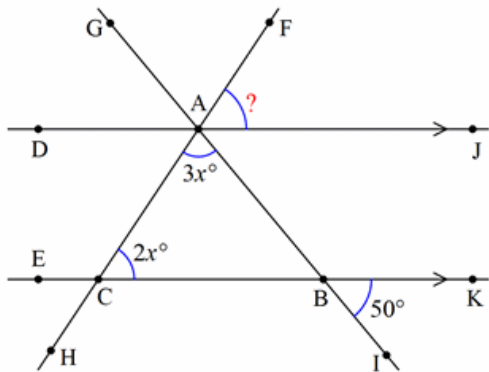


1. What can be said about angle 2 and 4?
 - A. They are complimentary angles
 - B. They are corresponding angles
 - C. They are supplementary angles
 - D. They are vertical opposite angles
2. What can be said about angle 9 and 10?
 - A. They are supplementary angles
 - B. They are corresponding angles
 - C. They are alternate interior angles
 - D. They are alternate exterior angles
3. What can be said about angles 6 and 7?
 - A. They are vertical opposite angles
 - B. They are corresponding angles
 - C. They are alternate interior angles
 - D. They are alternate exterior angles
4. What can be said about angles 3 and 6?
 - A. They are complimentary angles
 - B. They are vertical opposite angles
 - C. They are alternate interior angles
 - D. They are alternate exterior angles

5. (5 marks)

In the diagram given below, lines DJ and EK are parallel.

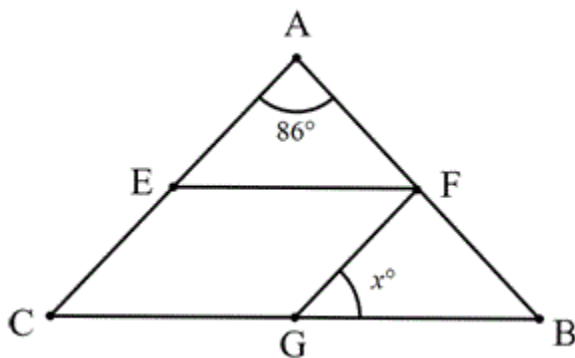
Find $\angle FAJ$.



Make sure to justify your steps

6. (5 marks)

Find the value of x in the diagram below, where EC and FG are parallel and equal in length and sides AC and AB are equal in length.



Make sure to justify your steps