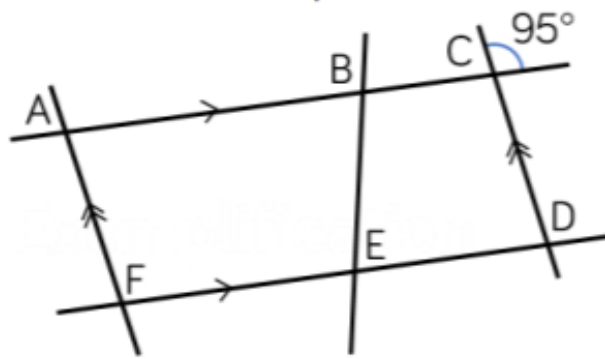


AF is parallel to CD and AC is parallel to FD.



Explain whether the following statements are true or false.

- ACDF is a rectangle
- ABEF and BCDE are trapezia
- C DFA is a parallelogram

Which quadrilaterals satisfy each of these statements?

Two pairs of parallel sides

Only one pair of parallel sides

Four right angles

Two pairs of equal sides

Two pairs of equal angles

One pair of equal angles

How many quadrilaterals satisfy 2, 3 or more of the statements.

Which of these statements are true and which are false?

- All squares are rectangles
- All rectangles are squares
- No rhombuses are kites