

STUDENT NAME

FINISH THE SENTENCES

1. If a quadrilateral is a rhombus, its diagonals are
2. If two circles are concentric, they have no common
3. A square is a with
4. If a segment is a diagonal of a parallelogram, then it bisects
5. If two lines are cut by a transversal such that the alternate angles are congruent, then

FILL IN THE GAPS (one word per gap)

1. The length of the of a trapezoid equals the average of the
2. Diagonals of a are congruent and
3. Two distinct lines to the same plane are parallel.
4. The of points generated by a triangle when rotated its is a

MARK IF SENTENCES ARE TRUE OR FALSE

1. The midpoint of a hypotenuse of a right-angled triangle is equidistant from its vertices.
2. The sum of the squares of the sides of a parallelogram is equal to the sum of the squares of the diagonals.
3. From two chords in the same circle the longer is closer to the centre of this circle.

WRITE DOWN

For a statement: *If two pentagons are regular, then they are similar* write down

THE CONVERSE

THE INVERSE

THE CONTRAPOSITIVE
and mark with a thick which of them are true.

DRAW A DIAGRAM TO PROVE THE STATEMENT

If two tangents are drawn to a circle from an external point, the triangle formed by these two tangents and any tangent to the minor arc included by them has a perimeter equal to the sum of the two original tangent segments.