

Quadrilaterals and Its Types

1. For each of the statements below, indicate whether it is true.

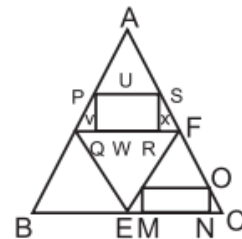
- a. A square is a parallelogram. _____
- b. A rectangle is a square. _____
- c. A rectangle is a rhombus. _____
- d. A square is a rectangle. _____
- e. A parallelogram is a polygon. _____

2. Fill in the blanks.

- A trapezium has one pair of _____ parallel.
- A parallelogram has _____ pairs of parallel sides.
- A parallelogram with one _____ angle is a rectangle.
- In a rhombus, the two diagonals are _____ to each other.
- A parallelogram with a pair of _____ equal is a rhombus.

3. In the given figure, identify and name.

- a. a rhombus _____
- b. a parallelogram _____
- c. square _____
- d. a rectangle. _____
- e. a trapezium. _____



4. How does a trapezium, differ from a parallelogram?

5. The ratio of two sides of a parallelogram is 2:3. If its perimeter is 70 cm. Find the lengths of the sides of the parallelogram.