

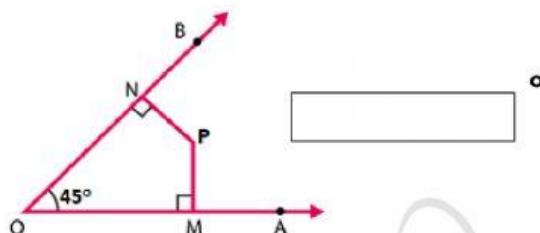
## Understanding Quadrilaterals

## Topic: Quadrilaterals

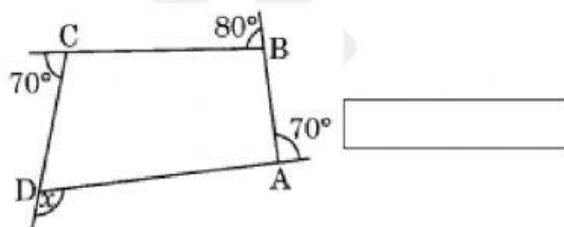
Name: Date: 

1. The exterior angle of a regular polygon is one-fifth of its interior angle. How many sides has the polygon?

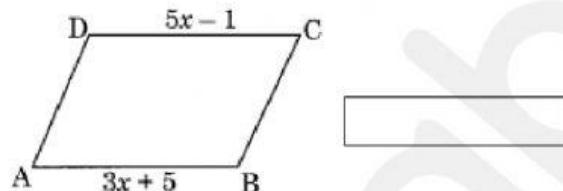
2. In Figure, find the measure of  $\angle MPN$ .



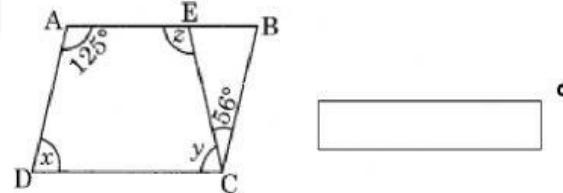
3. In the given figure ABCD, find the value of  $x$ .



4. In the given figure, ABCD is a parallelogram. Find  $x$ .



5. In the given figure, ABCD is a parallelogram. Find  $x+y+z$ .



Write True and False against each of the given statements.

6. Diagonals of a rhombus are equal.

7. Diagonals of rectangles are equal.

8. Kite is a parallelogram.

9. Sum of the interior angles of a triangle is  $180^\circ$ .

10. Triangle is possible with angles  $60^\circ, 80^\circ$  and  $100^\circ$ .

