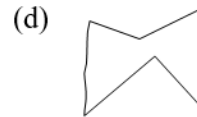
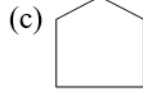
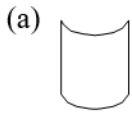


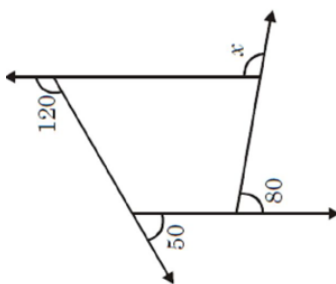


1. A parallelogram each of whose angles measures  $90^\circ$  is \_\_\_\_\_.  
(a) rectangle (b) rhombus (c) kite (d) trapezium
2. A parallelogram each of whose angles measures  $90^\circ$  is \_\_\_\_\_.  
a) rectangle (b) rhombus (c) kite (d) trapezium
3. Diagonals of a rectangle:  
a) equal to each other (b) not equal (c) one is double of the other (d) none of these
4. Minimum possible interior angle in a regular polygon is \_\_\_\_\_.  
(a)  $70^\circ$  (b)  $60^\circ$  (c)  $90^\circ$  (d)  $120^\circ$
5. If the three angles of a quadrilateral are  $120^\circ$ ,  $130^\circ$ ,  $10^\circ$  then what is the fourth angle ? (a)  $30^\circ$   
(b)  $100^\circ$  (c)  $40^\circ$  (d)  $90^\circ$

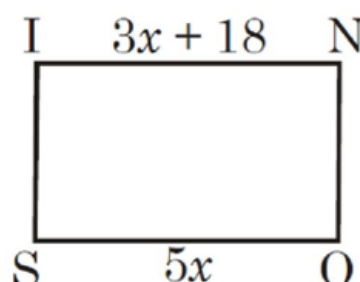
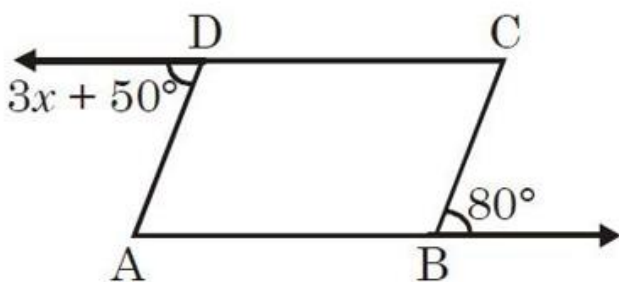
6. Which of the following polygons is convex polygon ?



7. Find the number of sides of a regular polygon whose each interior angle has a measure of  $135^\circ$ .
8. Find the measure of each exterior angle of a regular polygon of 15 sides
9. How many sides does a regular polygon have if the measure of an exterior angle is  $24^\circ$ ?
10. Two adjacent angles of a parallelogram are as 2 : 3. Find the measure of each of its angles.
11. In the below figure. Find  $x$ .



12. In the below figure,  $ABCD$  is a parallelogram. What is the value of  $x$ ?



13. In the above right figure,  $SONI$  is a rectangle. What is the length of  $IN$  ?