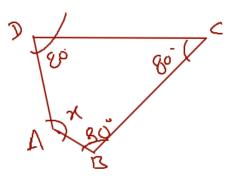
=5×15 - 75° LB = 7x = 7×15 = 105°

Find the each L LA+LS+LC+LD=360° 5n+7n+9n+3n=360

Q.1: A quadrilateral has three acute angles, each measure 80°. What is the measure of the fourth angle?



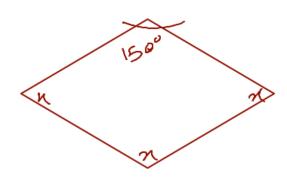
$$80+80+80+7 = 360$$
 $240+7 = 360$
 $7 = 360-270$
 $7 = 80^{\circ}$

Q.4: The angles of a quadrilateral are in the ratio of 1:2:3:4. What is the measure of the four angles?

36 2x26 3X36

4x360

Q.3: In a quadrilateral ABCD, $\angle D$ is equal to 150° and $\angle A = \angle B = \angle C$. \Rightarrow X Find $\angle A$, $\angle B$ and $\angle C$.



Q. 7: The opposite angles of a parallelogram are $(3x + 5)^\circ$ and $(61 - x)^\circ$. Find the measure of four angles.

3x145 3x1445 42+5 47° 7 133: 134: 135 Q. 9: Find the measure of all four angles of a parallelogram whose consecutive angles are in the ratio 1 : 3.

71:3×

What is the measure of each exterior angle of a regular polygon of 15 sides?