Q1
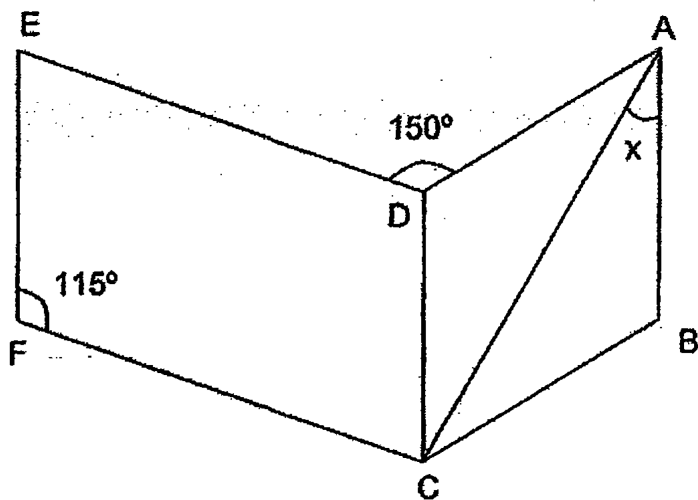
The figure below consists of 3 straight lines. What is the value of ∠a + ∠b + ∠c?
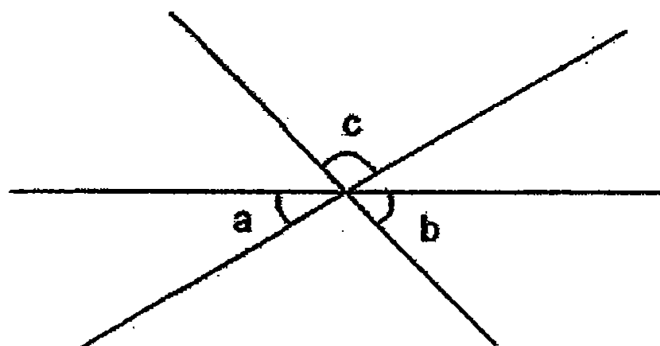
Answer:_____ °

Q2
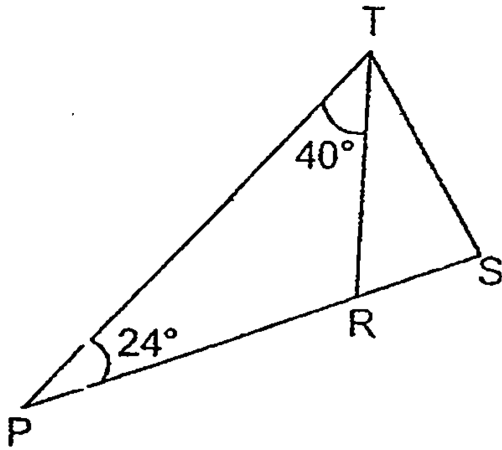
In the figure below, ABCD is a rhombus and CDEF is a parallelogram. ∠ADE is 150° and ∠CFE is 115°. Find ∠x.
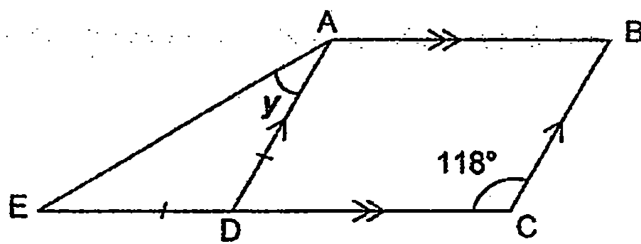

Answer: _____ [3]

Q3

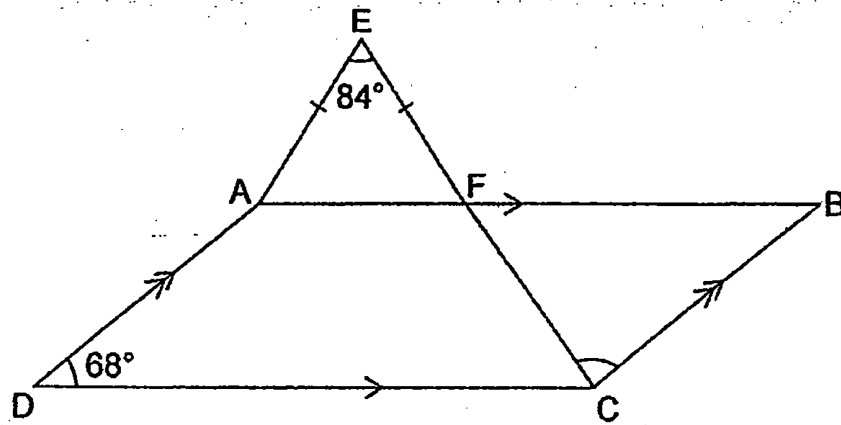The figure below is not drawn to scale. Given that TP = SP, find ∠RTS.

Ans: _____ °

Q4

The following figure is not drawn to scale. Given that ABCD is a parallelogram and ADE is an isosceles triangle, find $\angle y$.

Ans: _____ $^\circ$
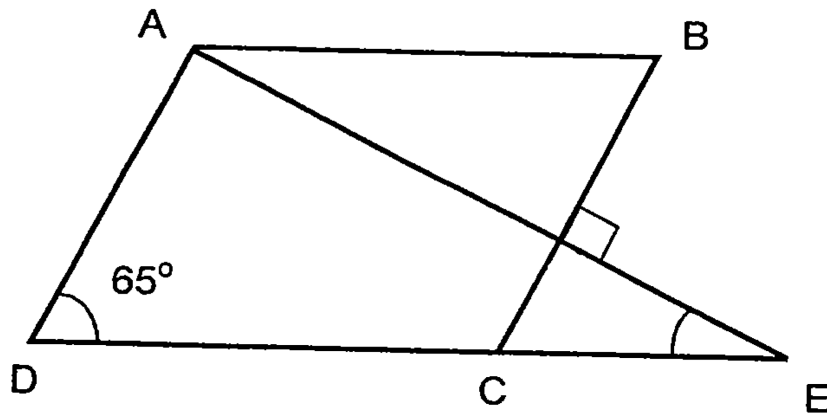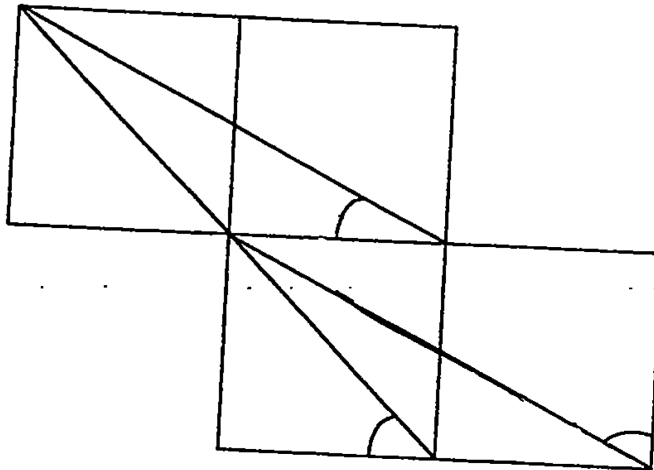
Q5

Study the figure below and find ∠FCB.

Ans: _____ [3]

In the figure below, not drawn to scale, ABCD is a parallelogram, DE and AE are straight lines. Find ∠AED.
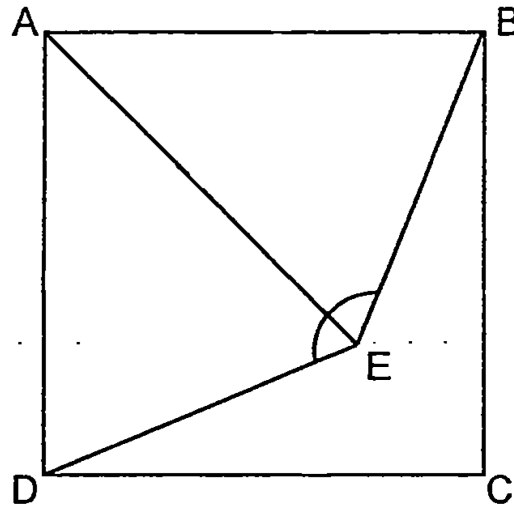

Ans: _____ °

The figure below is not drawn to scale. It is made up of 4 identical squares. Find the sum of the 3 marked angles.
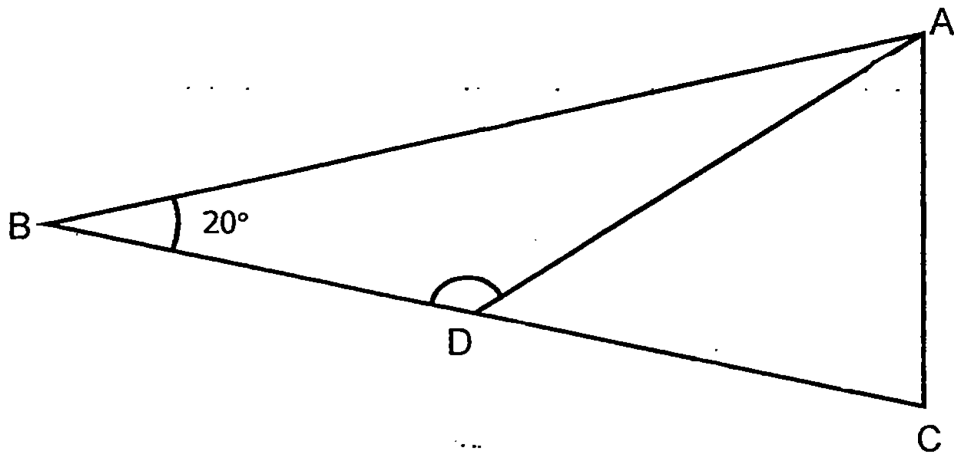

Ans: _____ o

Q8

The figure below is not drawn to scale. It shows two triangles inside a square ABCD. AE = CD. Find ∠BED.

Ans : _____ [3]

Q9

The figure below is not drawn to scale. ABC is an isosceles triangle where BA = BC. Given that D is the midpoint of BC and AC is $\dfrac{1}{2}$ of BA, find $\angle$ADB.

Ans : _____ [3]