Mathematics

Angles in a triangle

Independent Task

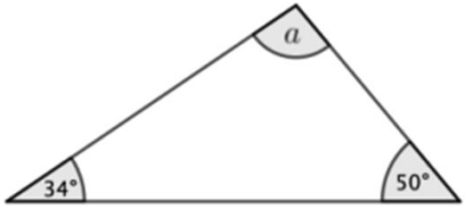
Miss Oreyomi

Questions

I. Draw a bar model for each of the six problems below.

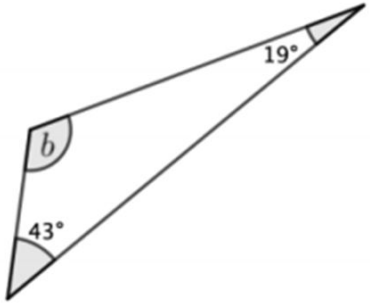
II. Find the missing angle using your model .

a)

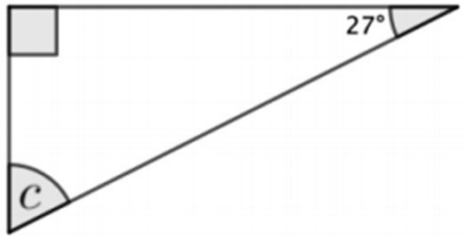


a	50	34
180		

b)



c)

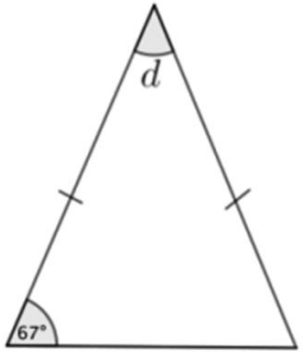


Questions

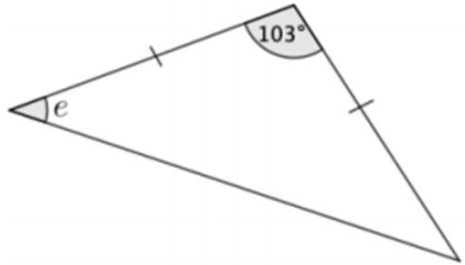
I. Draw a bar model for each of the six problems below.

II. Find the missing angle using your model .

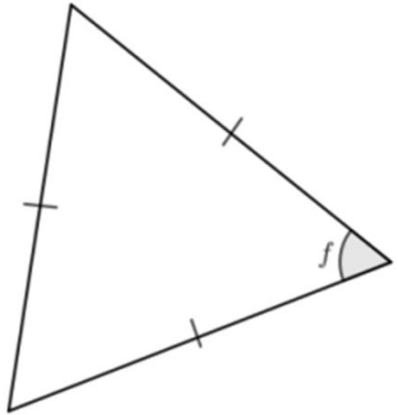
d)



e)



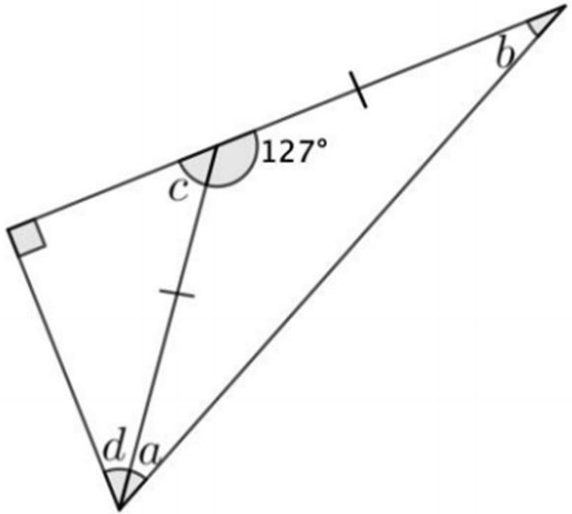
f)



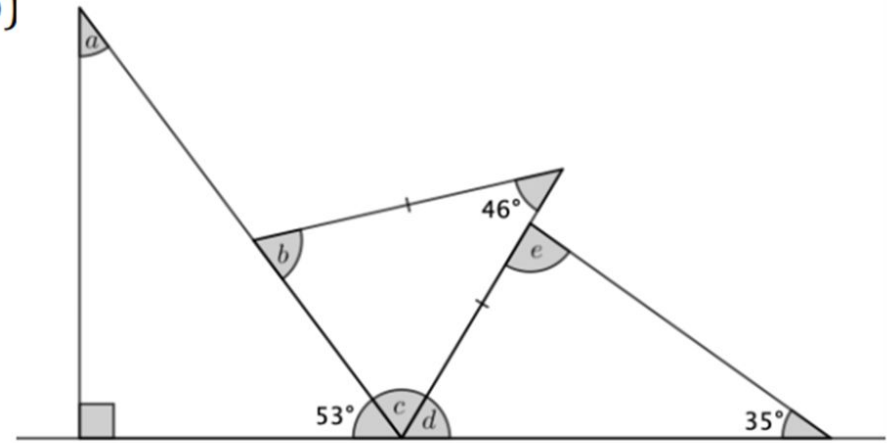
Questions

2) Find the missing angles in the following problems

a)



b)



Questions

3) Decide if the following statements are always, sometimes or never true.

a) The sum of the internal angles of three triangles is 540 degrees.

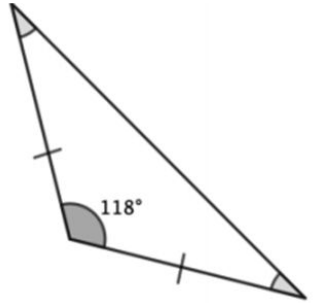
b) Two internal angles of a triangle will sum to a value less than 90 degrees.

c) All the internal angles of a triangle are acute

d) A triangle contains two right angles.

Questions

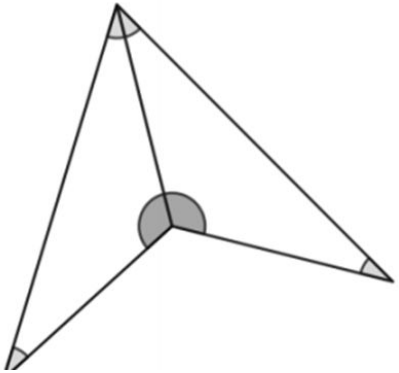
4) Find the missing angles in the triangle to the right.



b) Two copies of the same triangle are joined along corresponding edges to make a four-sided shape as shown.

i. What are the internal angles of this shape?

ii. How many other four-sided shapes could you make in a similar way?



iii. What are the internal angles of these shapes?