

Mathematics

Angles in a Triangle

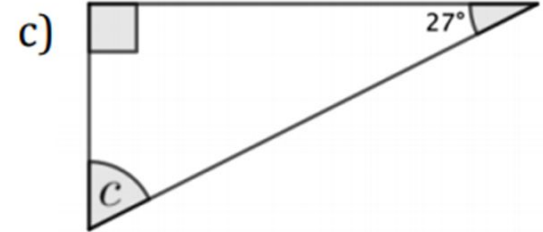
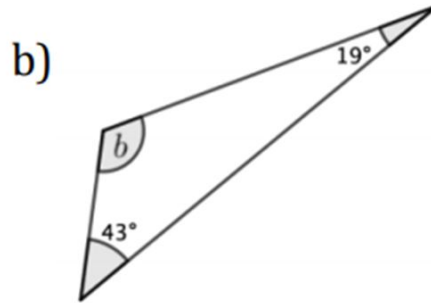
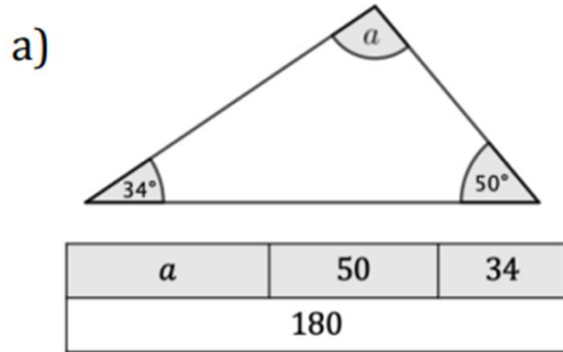
Downloadable Resource

Miss Oreyomi



Questions

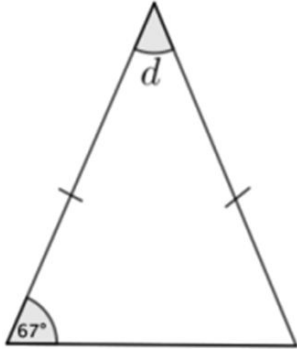
- I. Draw a bar model for each of the six problems below.
- II. Find the missing angle using your model.



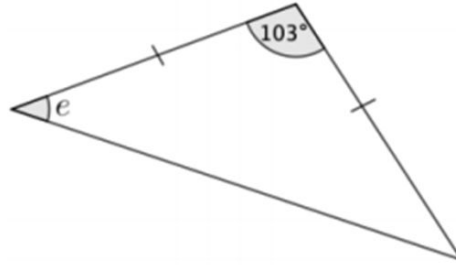
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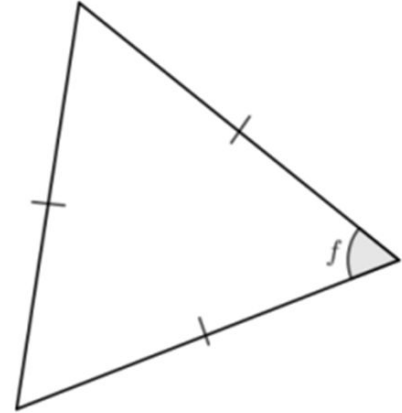
d)



e)



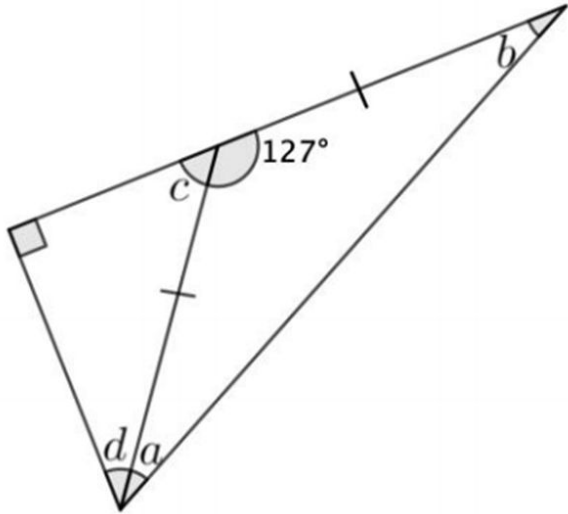
f)



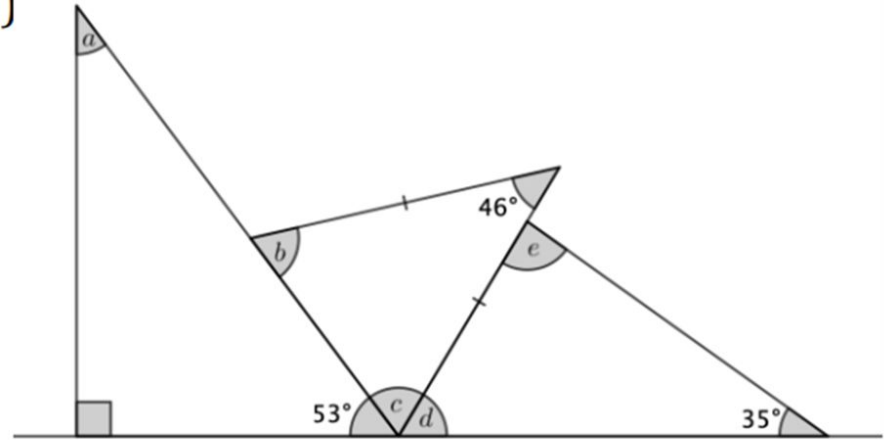
Questions

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.
- What are the internal angles of this shape?
 - How many other four-sided shapes could you make in a similar way?
 - What are the internal angles of these shapes?

