

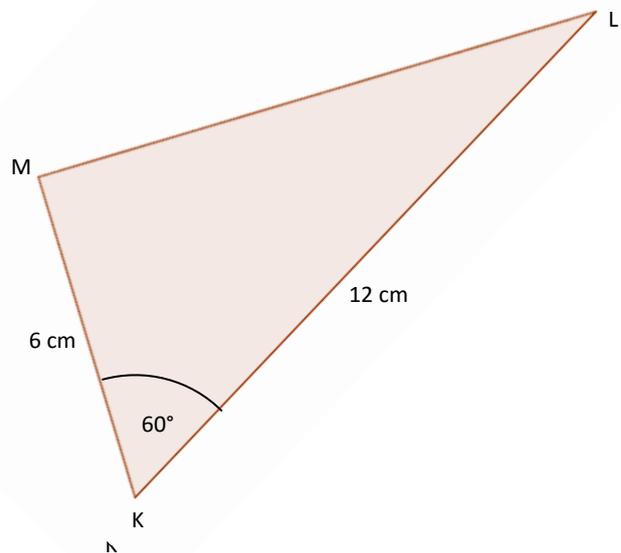
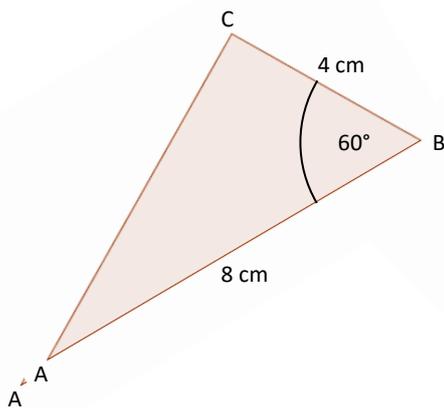
Triangle similarity

Task: Decide if triangles are similar to each other in the picture. If so, write down the similarity in a correct form. If it is possible, write down similarity coefficient. Decide on the sentence about the theorem related to triangle similarity (uu,sss, sus).

Exercise 1: Decide about triangle similarity.

a) Are the triangles similar? Circle the correct answer. YES NO

b) If SO, complete the table.



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| Write down the triangle similarity | |
| Write down the theorem about triangle similarity | |
| Write down the similarity coefficient | |

Module MATHS

Worksheet for student



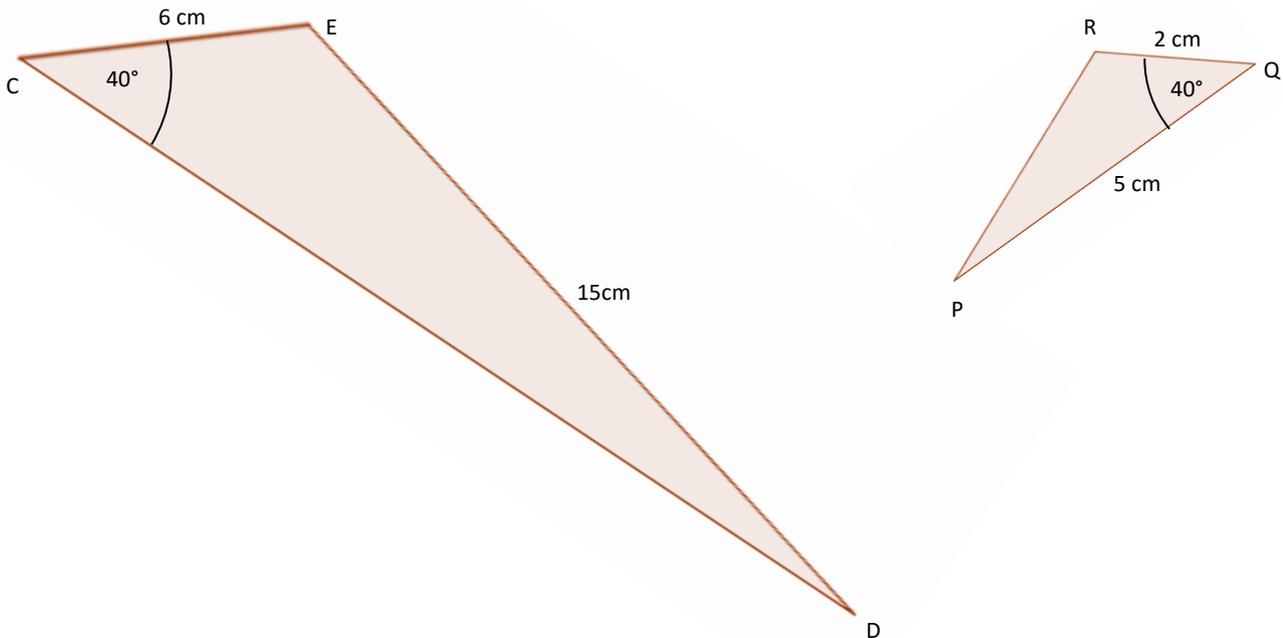
Prove the validity of the theorem for those triangles



Exercise 2: Decide about triangle similarity.

a) Are the triangles similar? Circle the correct answer. YES NO

b) If SO, complete the table.

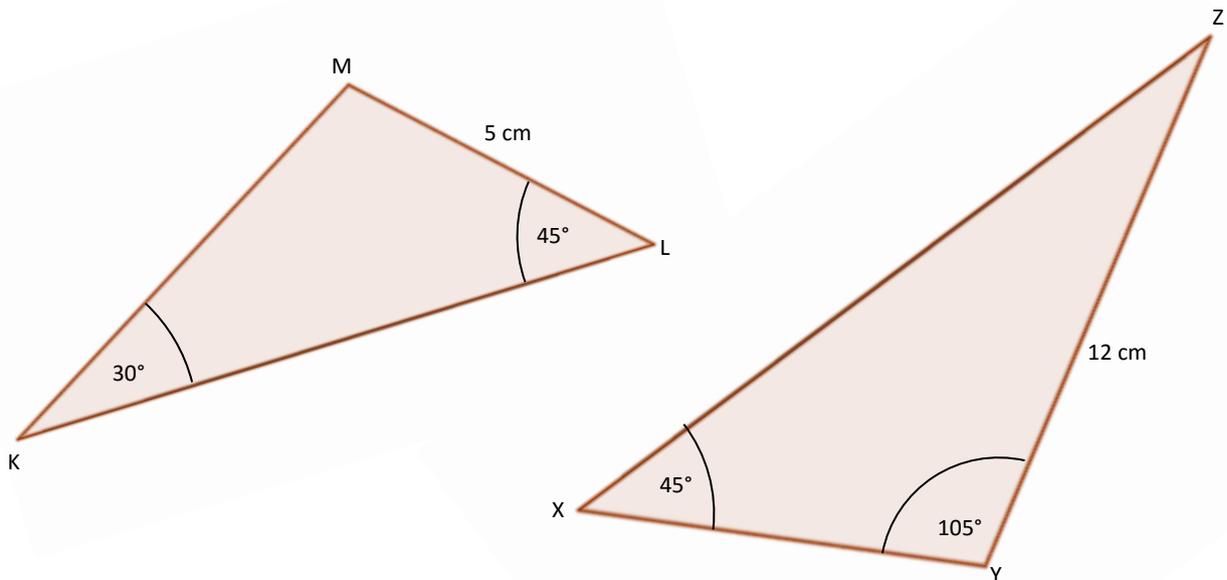


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| Write down the triangle similarity | |
| Write down the theorem about triangle similarity | |
| Write down the similarity coefficient | |
| Prove the validity of the theorem for those triangles | |

Exercise 3: Decide about triangle similarity.

a) Are the triangles similar? Circle the correct answer. YES NO

b) If SO, complete the table.

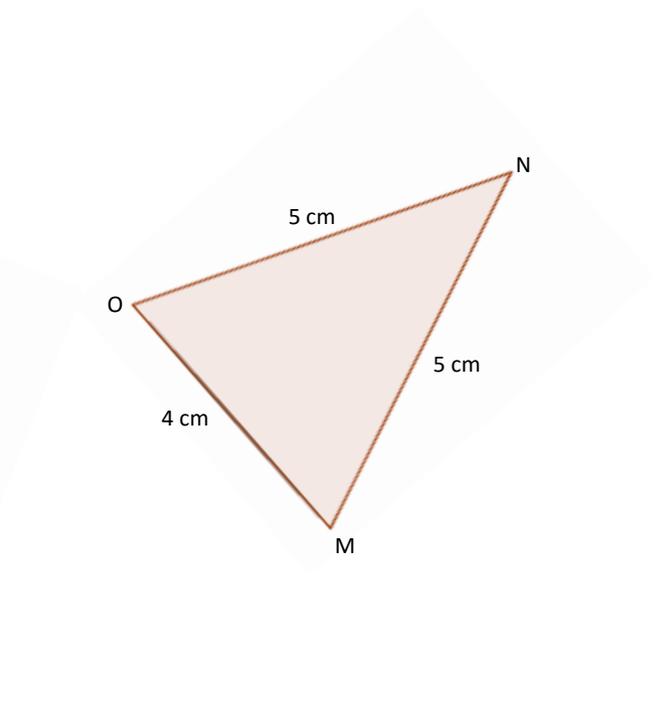
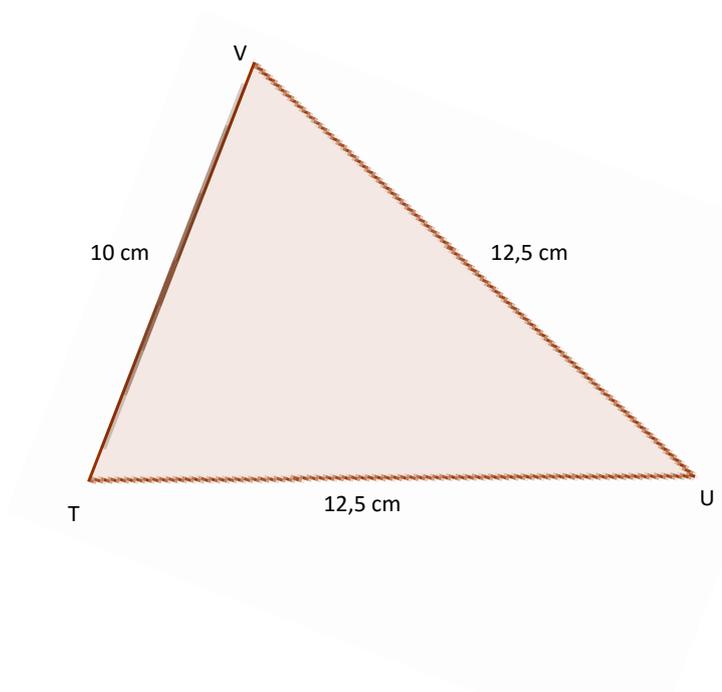


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|---|--|
| Write down the triangle similarity | |
| Write down the theorem about triangle similarity | |
| Write down the similarity coefficient | |
| Prove the validity of the theorem for those triangles | |

Exercise 4: Decide about triangle similarity.

a) Are the triangles similar? Circle the correct answer. YES NO

b) If SO, complete the table.



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|---|--|
| Write down the triangle similarity | |
| Write down the theorem about triangle similarity | |
| Write down the similarity coefficient | |
| Prove the validity of the theorem for those triangles | |