Math Practice - Grade 8

M8 Transformations, congruence, similarity - Congruent or similar? Give the scale factor

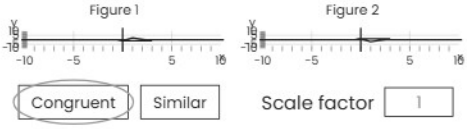
M8 8.G.A.1, 8.G.A.2, 8.G.A.3, 8.G.A.4

Name: _____ Date: _____

Are the two figures congruent or similar? Circle it, and write the scale factor.

Example: Are the two figures congruent or similar? What is the scale factor?

How: Congruent figures have the same shape and the same size, so the scale factor is 1. Similar figures have the same shape but a different size, and the scale factor is the new length over the old length.



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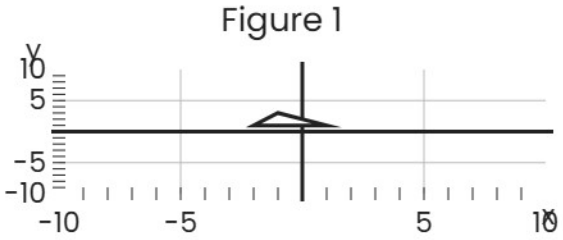
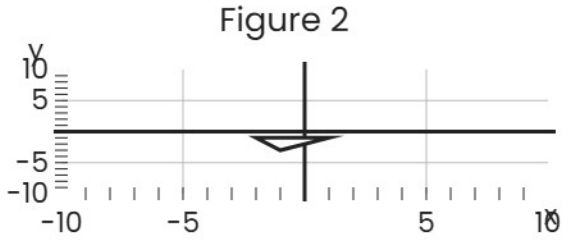
1 Are the two figures congruent or similar? What is the scale factor?





Congruent | Similar

Scale factor _____

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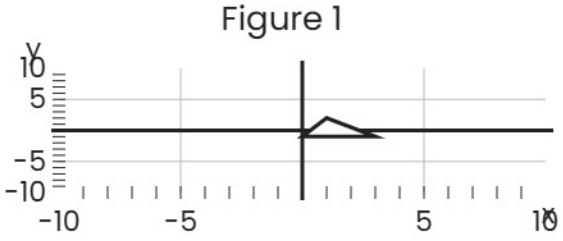
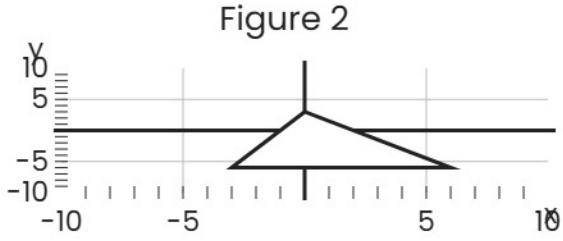
2 Are the two figures congruent or similar? What is the scale factor?





Congruent | Similar

Scale factor _____

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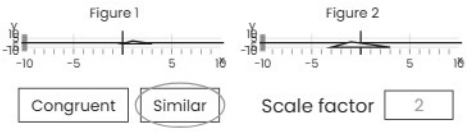

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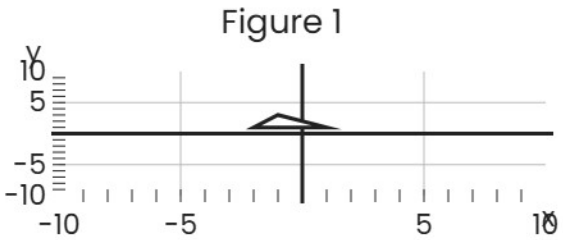

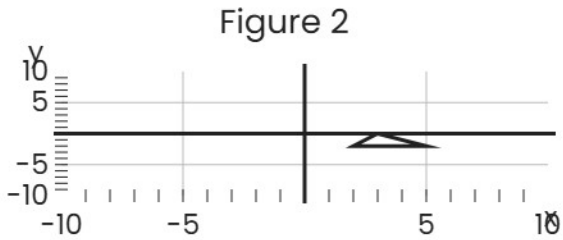

Congruent | Similar

Scale factor _____

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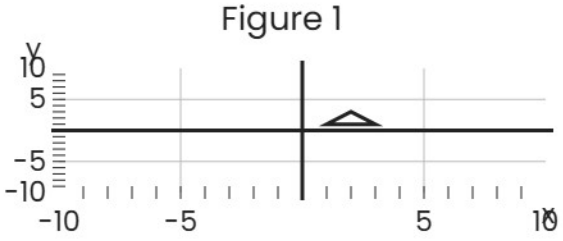

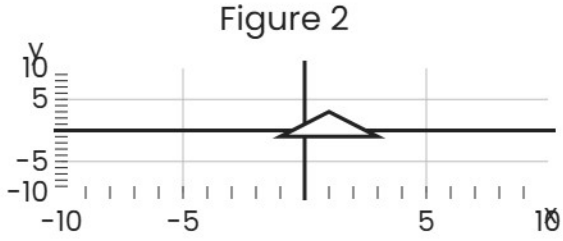

Congruent | Similar

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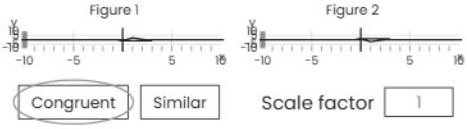

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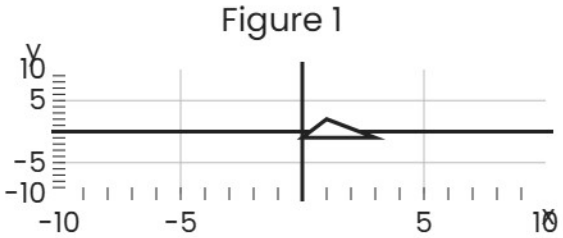

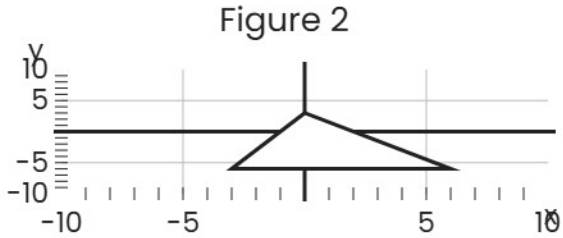

Congruent | Similar

Scale factor _____

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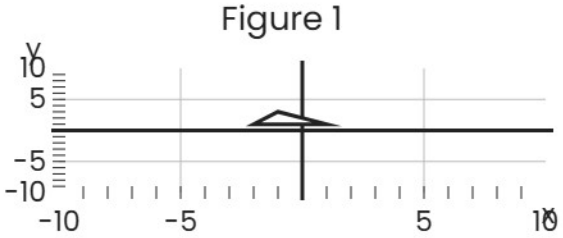

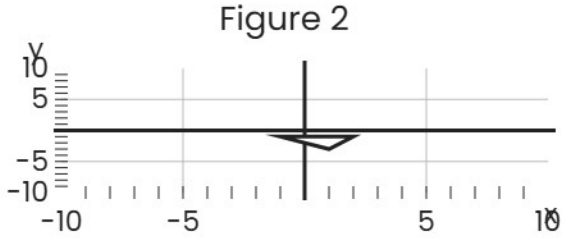

Congruent | Similar

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