B

A graphing of a function

Description automatically generated

A

How many degrees is angle B if the triangles are congruent?

Reflect the triangle over the y-axis, then translate by <3, -4>

A black text on a white background

Description automatically generated

C

D

A pair of triangles with numbers

Description automatically generated

Are these two triangles congruent or not? EXPLAIN YOUR REASONING!

A pair of triangles with mathematical equations

Description automatically generated

Find the value of the variable that results in congruent triangles.

A triangle and a triangle with the same angles

Description automatically generated with medium confidence

A triangle and a triangle with the same angles

Description automatically generated with medium confidence

A group of triangles with text

Description automatically generated

H

G (b).

G (a).

E



Are these two triangles congruent? If so, which congruency theorem can you use?

Which congruence theorem can you use to show that the triangles are congruent? What value must a have?

Which congruence theorem can you use to show that the triangles are congruent? What value must x have?

A screenshot of a math problem

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A triangle with a number of angles

Description automatically generated with medium confidence

F