Ch 5.7 Reflections and Symmetry
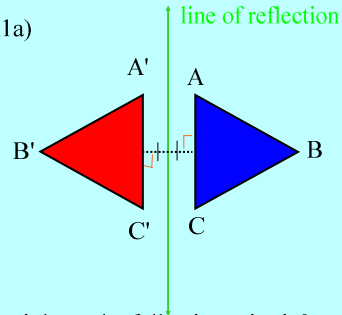
reflection - is a transformation that creates a mirror image

properties of reflection:

-
-
-

Jan 28-9:14 AM
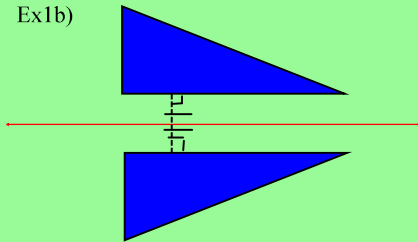

Ex1a)

line of reflection

Does it have the following criteria?

- the images are congruent
- the image is reversed
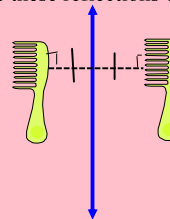- the dotted line is the perpendicular bisector.

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Ex1b)

Does it have the following criteria?

- the images are congruent
- the image is reversed
- the dotted line is the perpendicular bisector.

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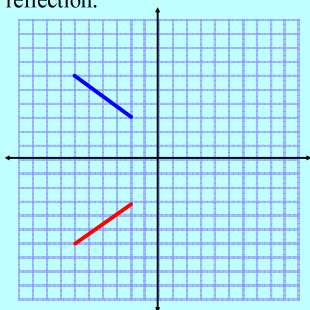

Ex1c) Are these reflections of each other?

Does it have the following criteria?

- the images are congruent
- the image is reversed
- the dotted line is the perpendicular bisector.

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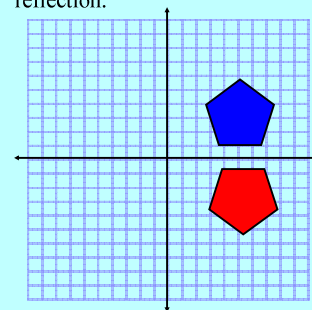
Reflections in a coordinate plane

Ex2a) Tell whether the red figure is a reflection of the blue figure. Then name the line of reflection.

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Reflections in a coordinate plane

Ex2b) Tell whether the red figure is a reflection of the blue figure. Then name the line of reflection.
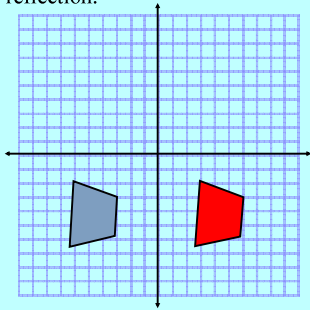

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Reflections in a coordinate plane

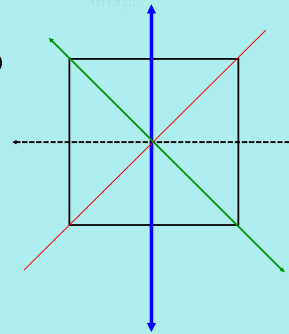Ex2c) Tell whether the red figure is a reflection of the blue figure. Then name the line of reflection.

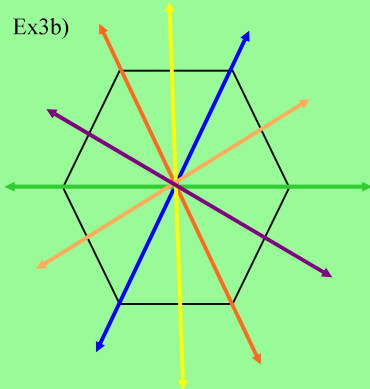Jan 28-9:41 AM

Line of Symmetry:

Ex3a)

A square has 4 lines of symmetry.

Jan 28-12:03 PM

Ex3b)

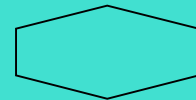Regular Hexagon has 6 lines of symmetry.

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Determine the lines of symmetry for the following figures:

1.   2.

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