

## Lesson 3 Reflection



Reflections are everywhere ... in mirrors, glass, and here in a lake.  
... what do you notice ?

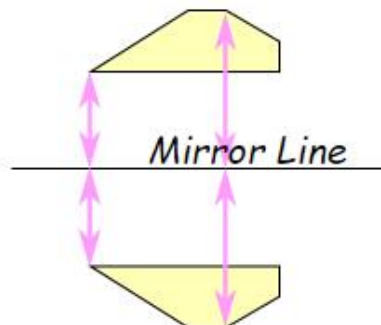


Every point is the **same distance from the central line** !

... and ...

The reflection has **the same size** as the original image

The central line is called the **Mirror Line** ...

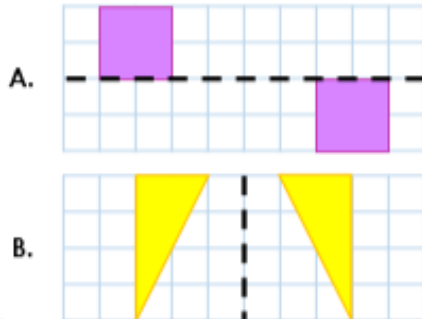


Choose a task that you feel confident in completing. 3 options that you have are developing, expected and greater depth.

## Developing

### Reflection

1a. Are the reflected images correct or incorrect?

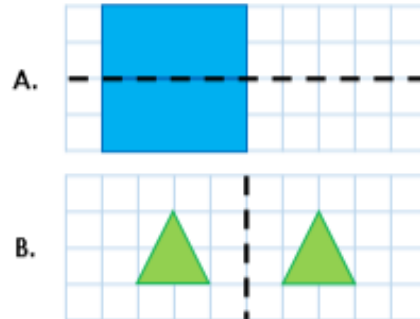


VF



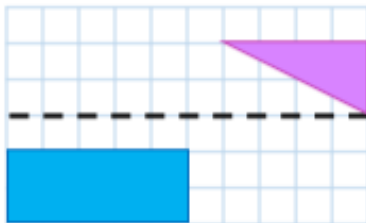
### Reflection

1b. Are the reflected images correct or incorrect?



VF

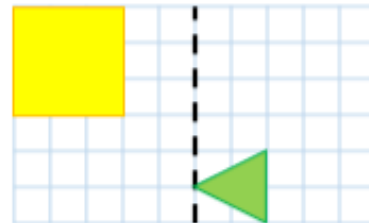
2a. Reflect the shapes in the mirror line.



VF

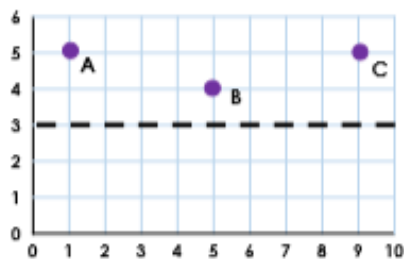


2b. Reflect the shapes in the mirror line.



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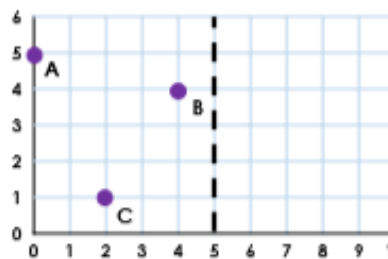
3a. Reflect the points in the mirror line.  
Write the coordinates of the reflected points.



VF

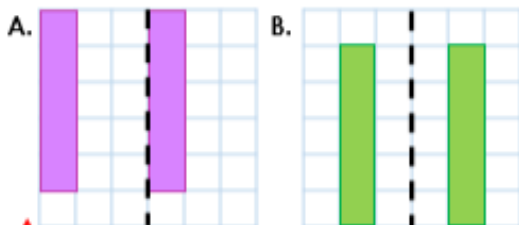


3b. Reflect the points in the mirror line.  
Write the coordinates of the reflected points.



VF

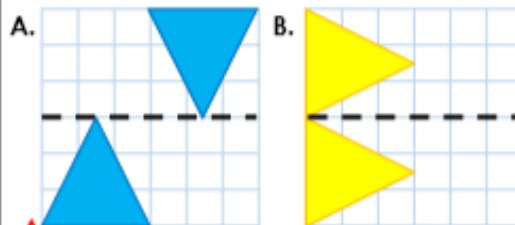
4a. Tick the image showing the correct reflection.



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4b. Tick the image showing the correct reflection.

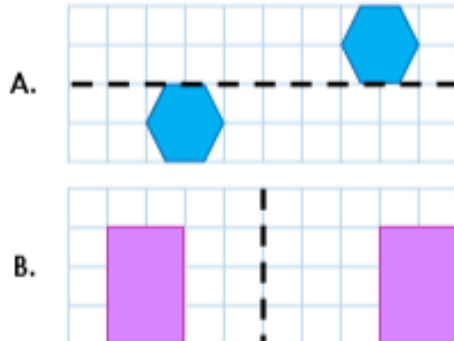


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## Expected

### Reflection

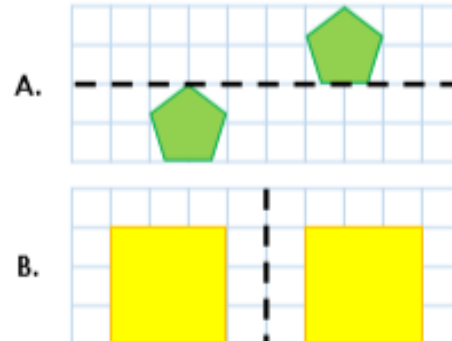
5a. Are the reflected images correct or incorrect?



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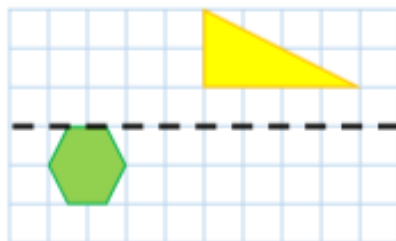
### Reflection

5b. Are the reflected images correct or incorrect?



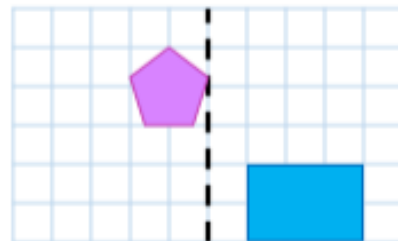
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6a. Reflect the shapes in the mirror line.



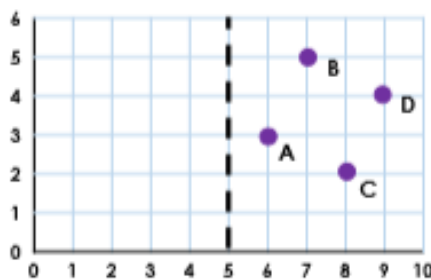
VF

6b. Reflect the shapes in the mirror line.



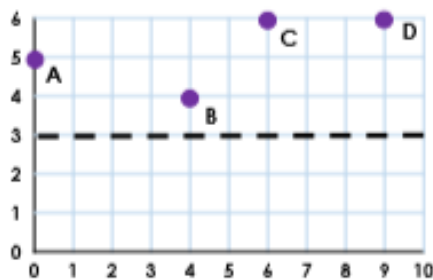
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7a. Reflect the points in the mirror line. Write the coordinates of the reflected points.



VF

7b. Reflect the points in the mirror line. Write the coordinates of the reflected points.



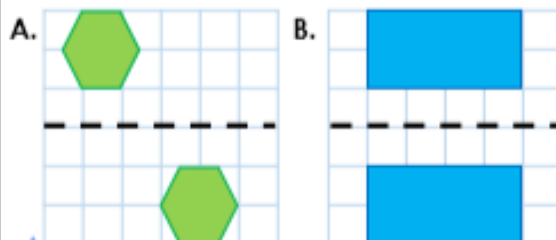
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8a. Tick the image showing the correct reflection.



VF

8b. Tick the image showing the correct reflection.

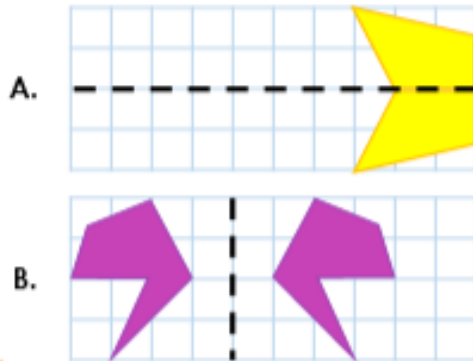


VF

## Greater Depth

### Reflection

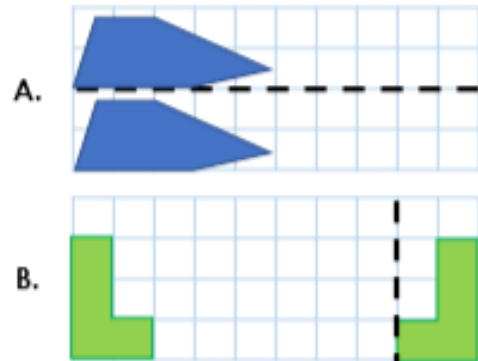
9a. Are the reflected images correct or incorrect?



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### Reflection

9b. Are the reflected images correct or incorrect?



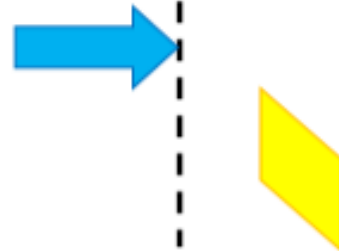
VF

10a. Reflect the shapes in the mirror line.



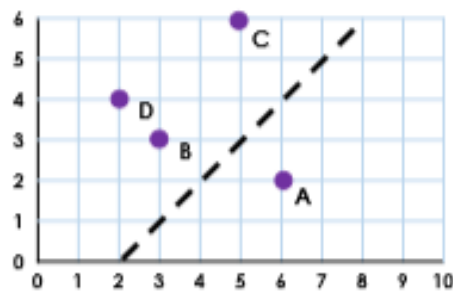
VF

10b. Reflect the image in the mirror line.



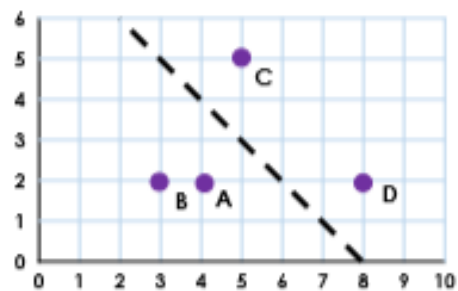
VF

11a. Reflect the points in the mirror line.  
Write the coordinates of the reflected points.



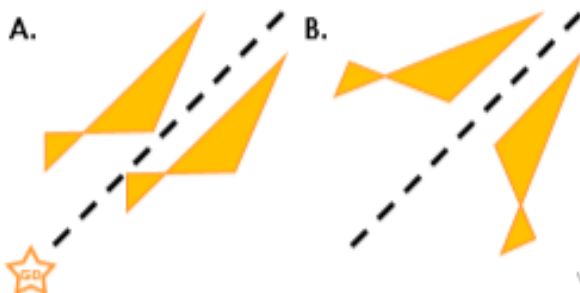
VF

11b. Reflect the points in the mirror line.  
Write the coordinates of the reflected points.



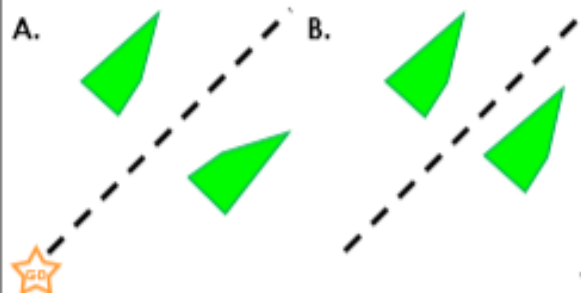
VF

12a. Tick the image showing the correct reflection.



VF

12b. Tick the image showing the correct reflection.



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