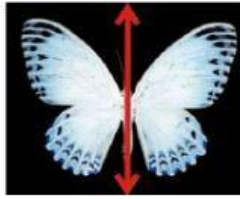


Reflection Symmetry

Reflection Symmetry (sometimes called *Line Symmetry* or *Mirror Symmetry*) is easy to see, because one half is the reflection of the other half.



We show symmetry with a line that is called the **line of symmetry**.

The Line of Symmetry (also called the **Mirror Line**) can be in **any direction**.

The line of symmetry can be horizontal



vertical



diagonal



A shape can have no lines of symmetry.



A shape can have one line of symmetry



A shape can have two or more than one line of symmetry

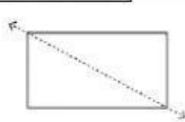


Look at the shapes below. Is the line a **line of symmetry**? Answer Yes or No

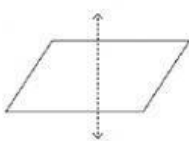
1)



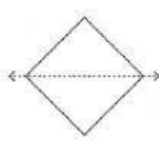
2)



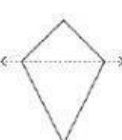
3)



4)



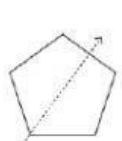
5)



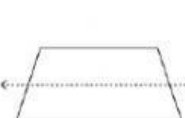
6)



7)



8)



How many lines of symmetry do the shapes below have?

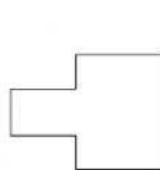
1)



2)



3)



4)



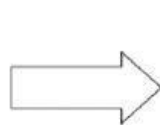
5)



6)



7)



8)

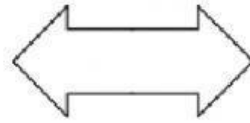


How many lines of symmetry do the shapes below have?

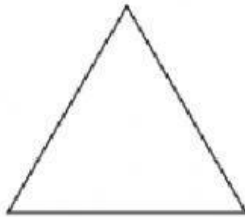
1)



2)



3)



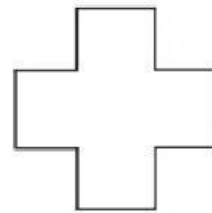
4)



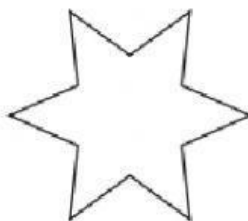
5)



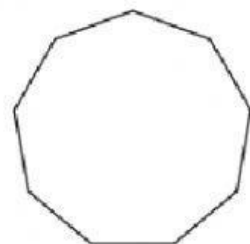
6)



7)



8)



Links

<https://www.mathsisfun.com/geometry/symmetry-reflection.html>

<https://www.topmarks.co.uk/symmetry/symmetry-matching>

<https://www.topmarks.co.uk/symmetry/symmetry-sorting>

<https://www.teacherled.com/iresources/symmetry/symmetryinvaders/>

<https://www.sheppardsoftware.com/math/geometry/symmetry-line-game/>