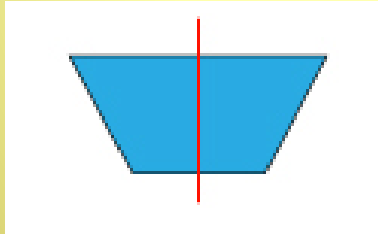


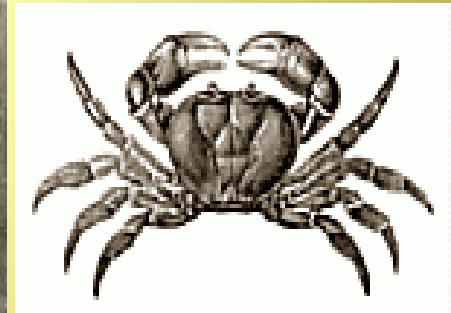
Line Symmetry

- If a shape can be folded in half so that one half fits exactly on top of the other, then we say that the shape has got *line symmetry*.
- *One half of the shape is the mirror image of the other half.*
- The fold is called a *line of symmetry or reflection*.

This shape has got a vertical line of symmetry.

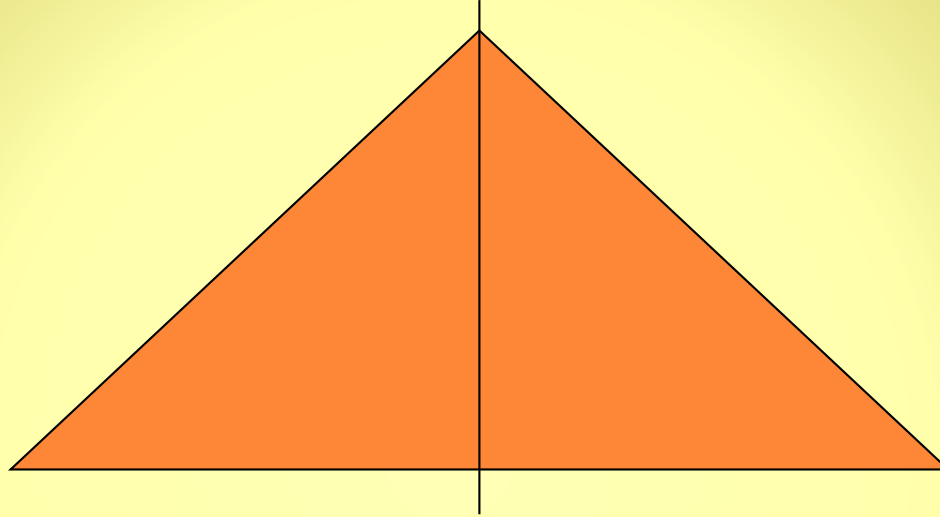


Often things in the world around us have a line of symmetry, such as this tiger and this crab.



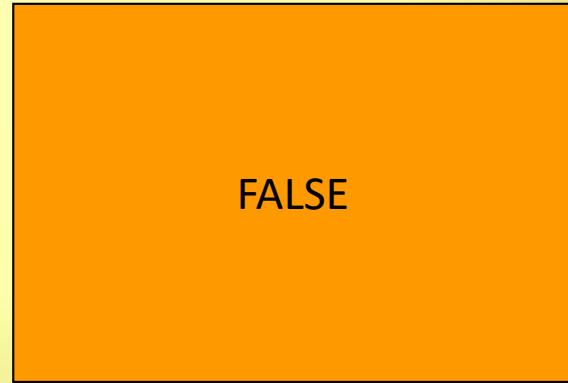
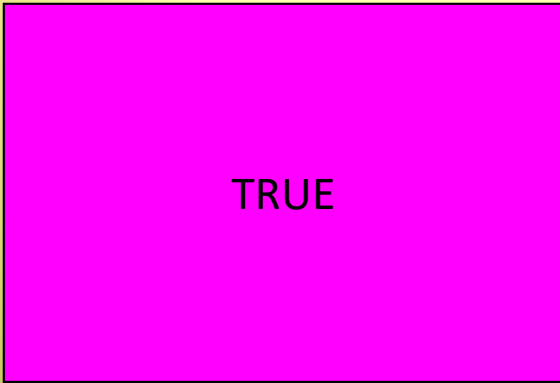
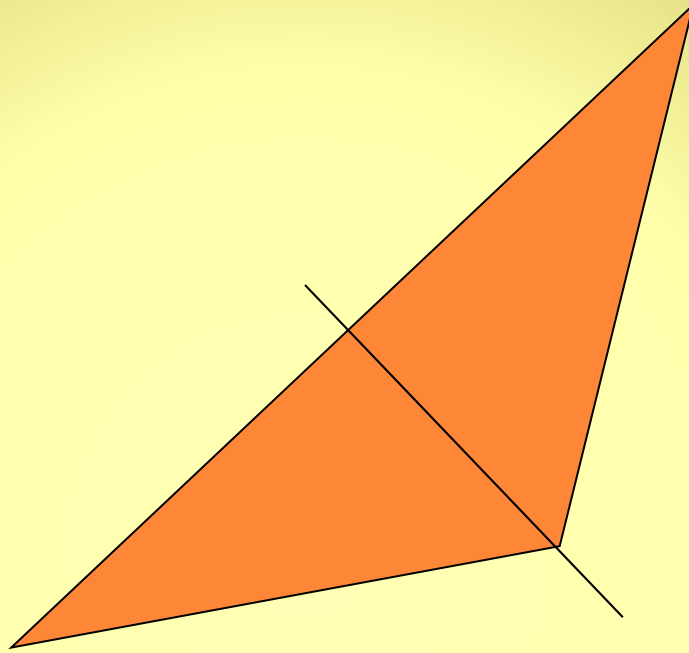
Shapes can have a vertical, horizontal or diagonal line of symmetry.

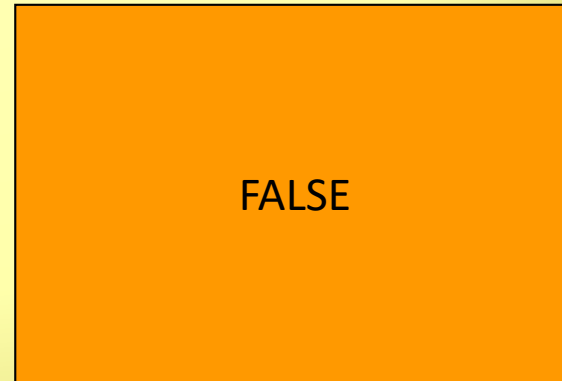
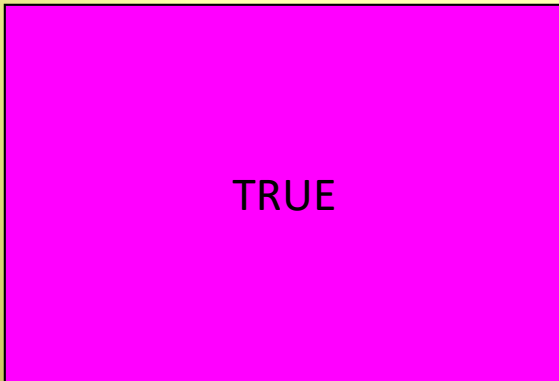
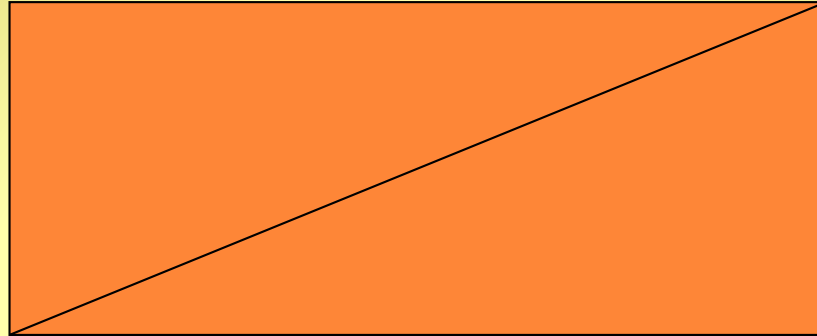
This shows a line of symmetry. True or false?

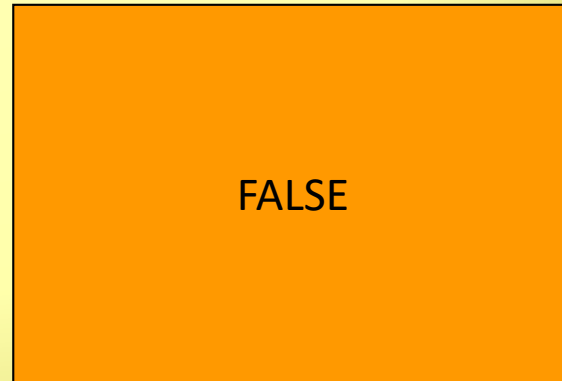
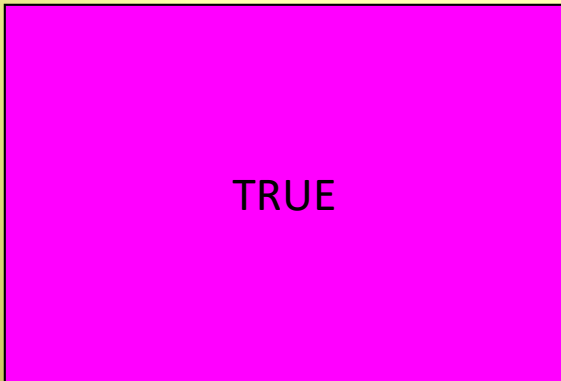
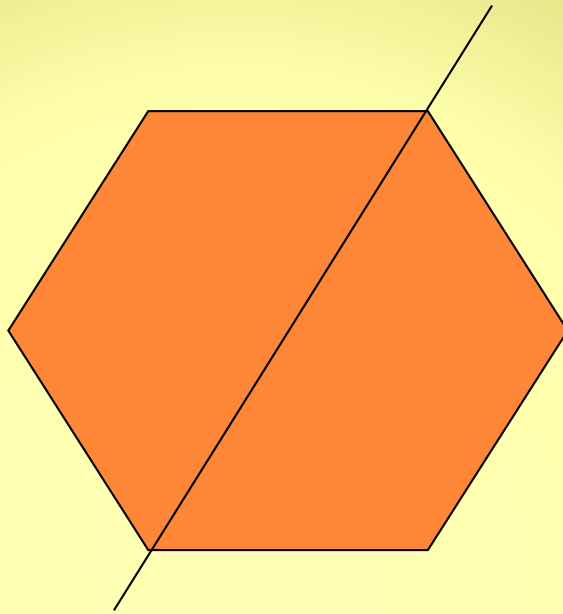


TRUE

FALSE







Lines of Symmetry all around us

Which of these road signs have got lines of symmetry?



Line Symmetry in the Alphabet

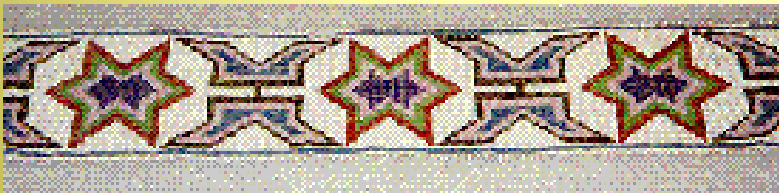
Which letters have got lines of symmetry?

A B C D E F G H I
J K L M N O P Q R
S T U V W X Y Z

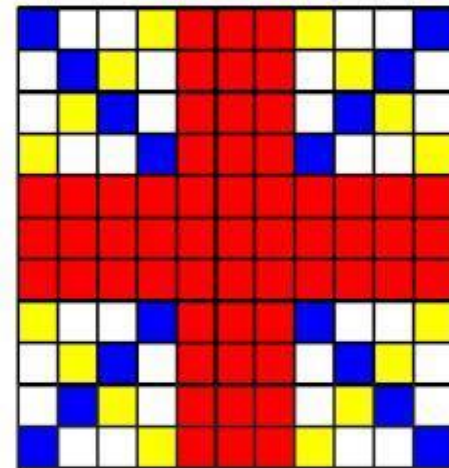


Patterns

- Patterns in the world around us are symmetric. Can you see the line or lines of symmetry in these patterns?

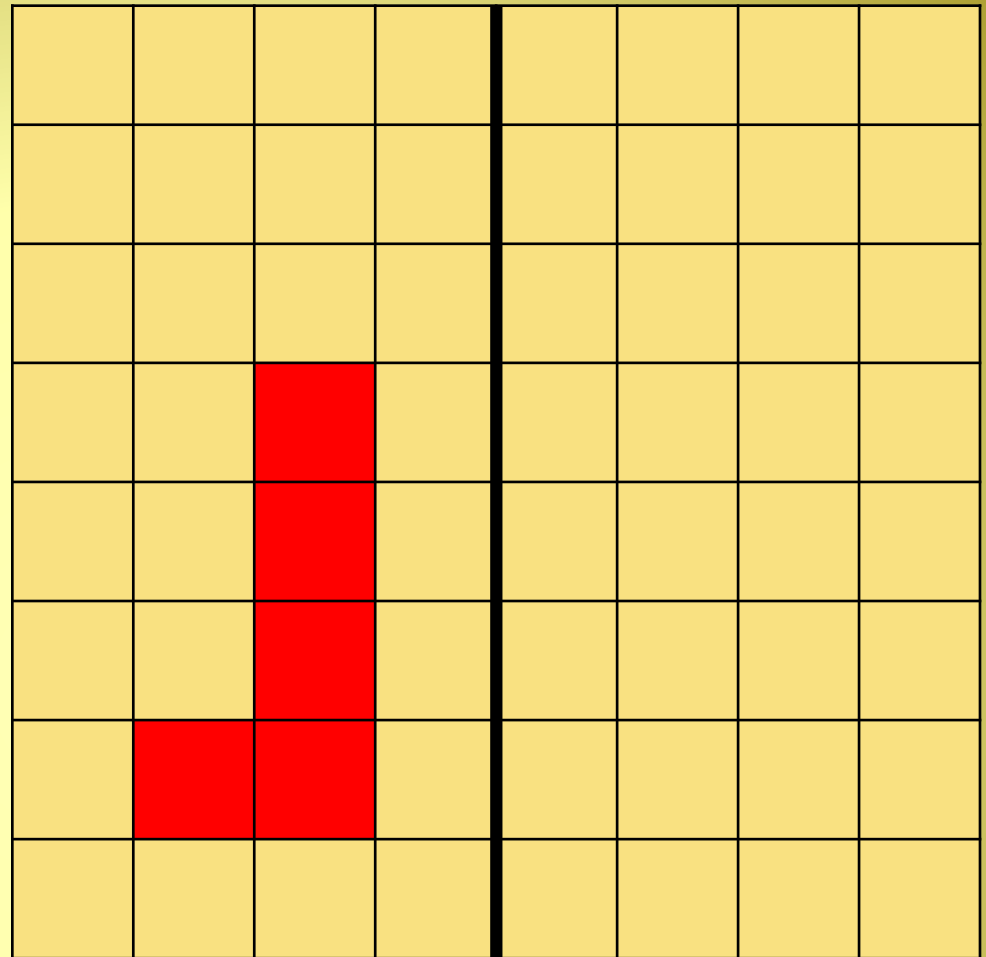


Courtesy of The State Historical Society
of Wisconsin



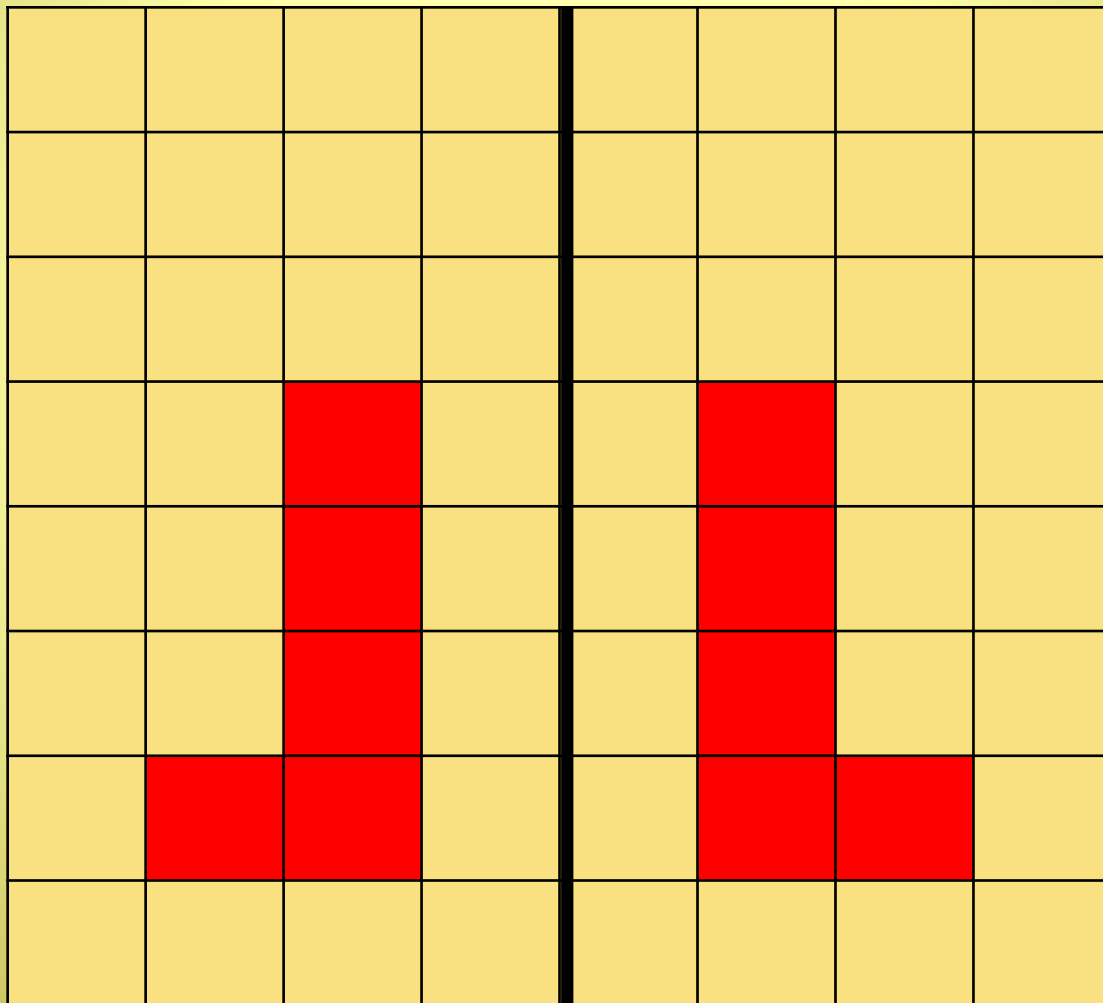
Shape 1

- Look at this shape.



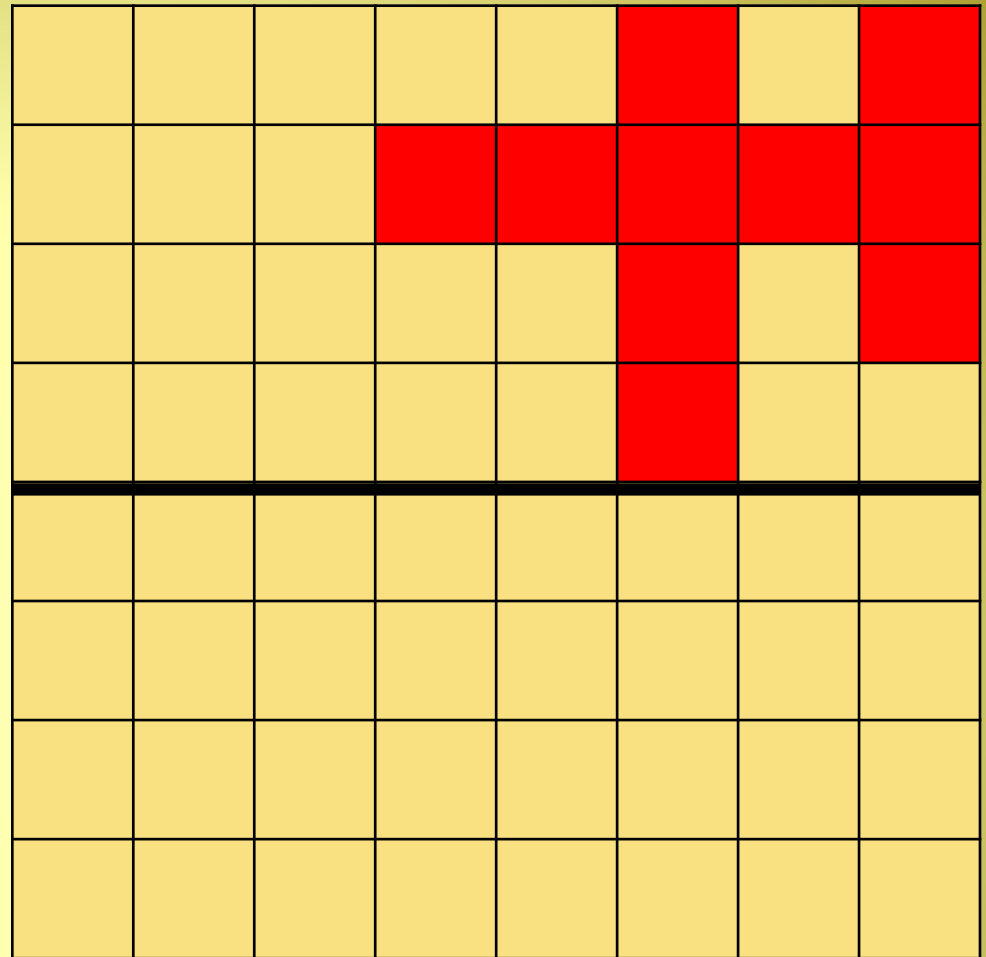
- Can you spot the vertical reflection of the shape on the next slide?

Congratulations!



Shape 2

- Look at this shape.



- Can you spot the horizontal reflection of the shape on the next slide?

Congratulations!
The correct answer is D!

