

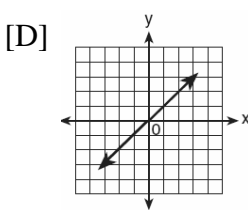
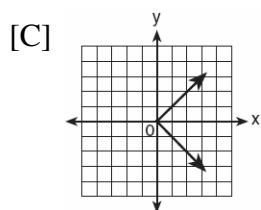
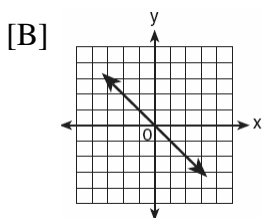
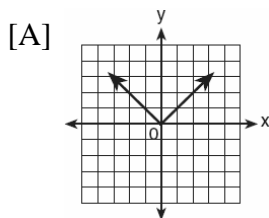
NAME: _____

1. 060209a
Which letter has point symmetry?
[A] H [B] W [C] B [D] A
2. 060304a
Which shape does *not* have rotational symmetry?
[A] circle [B] regular pentagon
[C] square [D] trapezoid
3. 060701a
Which letter has both point and line symmetry?
[A] H [B] T [C] Z [D] C
4. 080802a
Which letter has both line and point symmetry?
[A] B [B] S [C] T [D] H
5. 010510a
Which letter has point symmetry, but *not* line symmetry?
[A] T [B] S [C] H [D] X
6. 080106a
Which letter below has point symmetry, but does not have line symmetry?
[A] E [B] A [C] H [D] N
7. 080519a
Which letter demonstrates line symmetry but *not* point symmetry?
[A] **H** [B] **N** [C] **S** [D] **T**
8. 010110a
Helen is using a capital H in an art design.
The H has
[A] two lines of symmetry and only one point of symmetry
[B] only two points of symmetry
[C] two lines of symmetry and two points of symmetry
[D] only one line of symmetry

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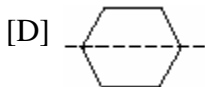
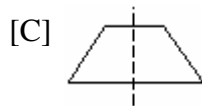
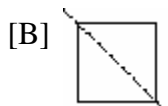
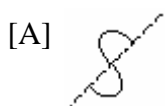
9. 010411a

Which graph is symmetric with respect to the y -axis?



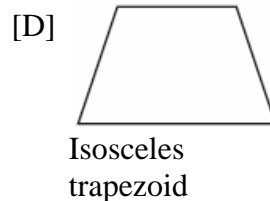
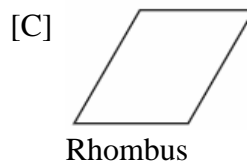
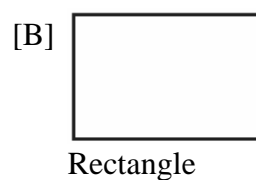
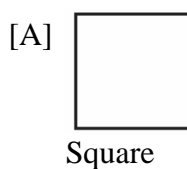
10. 080401a

Which diagram shows a dotted line that is *not* a line of symmetry?



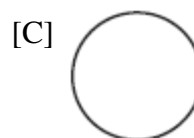
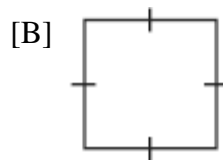
11. 060002a

Which geometric figure has one and only one line of symmetry?



12. 080709a

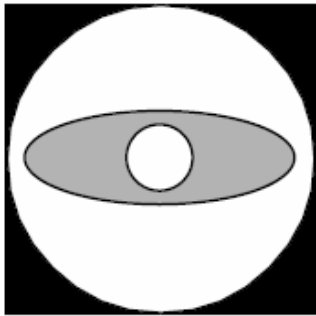
Which geometric shape does *not* have any lines of symmetry?



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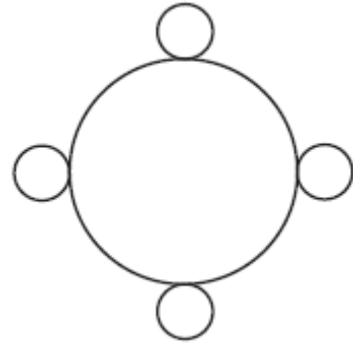
13. 069921a

Draw all the symmetry lines on the accompanying figure.



15. 060817a

How many lines of symmetry does the accompanying figure have?

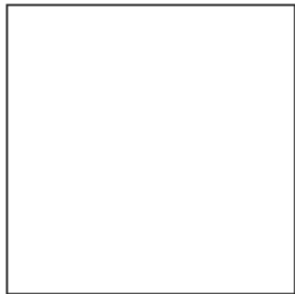


[A] 2 [B] 4

[C] an infinite number [D] 8

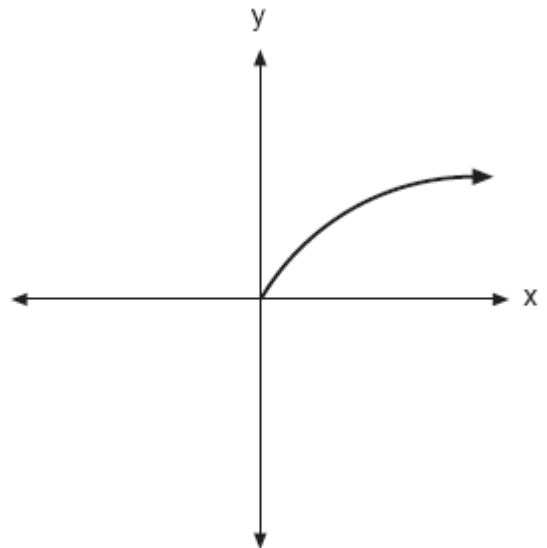
14. 060635a

On the accompanying square, draw all the lines of symmetry.



16. 060821b

The entire graph of $f(x)$ is symmetric with respect to the origin. If the accompanying graph represents $f(x)$ for $x \geq 0$, sketch, on the same set of axes, the graph of $f(x)$ for $x \leq 0$.



[1] A

[2] D

[3] A

[4] D

[5] B

[6] D

[7] D

[8] A

[9] A

[10] A

[11] D

[12] A

[2] Both correct lines of symmetry are drawn:
one horizontal, one vertical.

[1] Only one correct line is drawn.

or [1] Two correct and one or two incorrect
lines, such as the diagonals, are drawn.

[0] More than two incorrect lines are drawn.

or [0] A zero response is completely
incorrect, irrelevant, or incoherent or is a
correct response that was obtained by an

[13] obviously incorrect procedure.

[2] The four correct lines of symmetry are
drawn.

[1] At least two correct lines of symmetry are
drawn, and no inappropriate lines are drawn.

or [1] All four correct lines of symmetry are
drawn, but one or more inappropriate lines are
also drawn.

[0] At least one of the correct lines of
symmetry is missing, and one or more
inappropriate lines are drawn.

or [0] A zero response is completely
incorrect, irrelevant, or incoherent or is a
correct response that was obtained by an

[14] obviously incorrect procedure.

[15] B

[2] A correct graph of $f(x)$ for $x < 0$ is drawn.

[1] One conceptual error is made, such as
reflecting $f(x)$ over an axis.

[0] A zero response is completely incorrect,
irrelevant, or incoherent or is a correct
response that was obtained by an obviously

[16] incorrect procedure.