

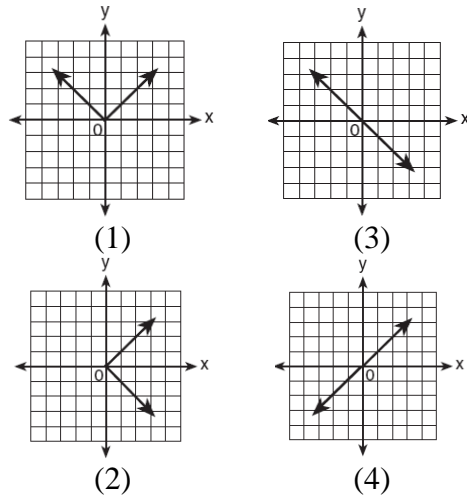
Name: _____

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

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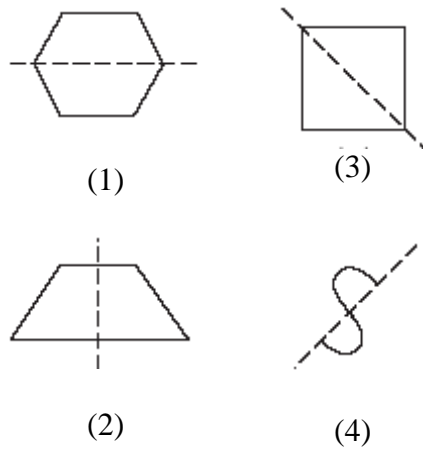
9 Which graph is symmetric with respect to the y -axis?

010411a



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

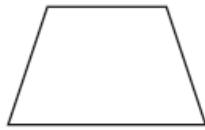
080401a



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

060002a



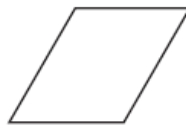
Isosceles trapezoid
(1)



Square
(3)



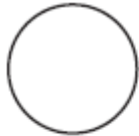
Rectangle
(2)



Rhombus
(4)

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

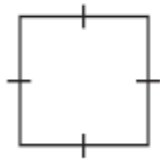
080709a



(1)



(3)



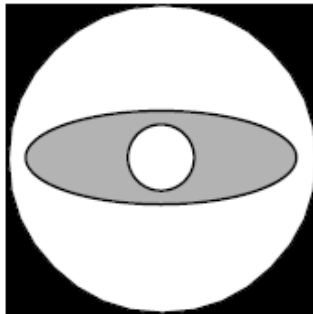
(2)



(4)

13 Draw all the symmetry lines on the accompanying figure.

069921a



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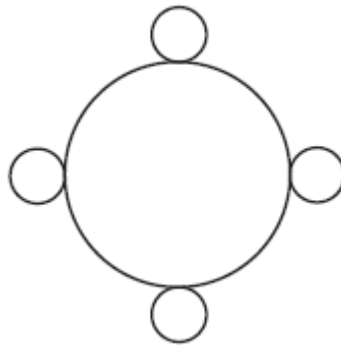
- 14 On the accompanying square, draw all the lines of symmetry.

060635a



- 15 How many lines of symmetry does the accompanying figure have?

060817a



- (1) an infinite number (3) 8
(2) 2 (4) 4

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- 16 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 $x \leq 0$.

060821b

