

Name: _____

Date _____

Topic: Reflection in a Point - Worksheet 1

- | | | | |
|--|---------------|--|---------------|
| 1. The image of the point $(4,-4)$ under a point reflection in the origin is $(-4,-4)$. | True
False | 2. The image of the point $(2,-6)$ under a point reflection in the origin is $(-2, 6)$. | True
False |
| 3. The image of the point $(3,-1)$ under a point reflection in the origin is $(-3,-1)$. | True
False | 4. The image of the point $(-5,-2)$ under a point reflection in the origin is $(5, 2)$. | True
False |
| 5. The image of the point $(-7,-5)$ under a point reflection in the origin is $(7, 5)$. | True
False | 6. The image of the point $(9,-3)$ under a point reflection in the origin is $(-9,-3)$. | True
False |
| 7. The image of the point $(5,-4)$ under a point reflection in the origin is $(-5, 4)$. | True
False | 8. The image of the point $(-2,-1)$ under a point reflection in the origin is $(2, 1)$. | True
False |

9.



If the image has all of its points reflected vertically through its center point it will always look the same.

True
False

10.



If the image has all of its points reflected horizontally through its center point it will always look the same.

True
False



Name: _____

Date _____

Topic: Reflection in a Point - Worksheet 2

- | | | | |
|---|---------------|---|---------------|
| 1. The image of the point (5,-8) under a point reflection in the origin is (-5,-8). | True
False | 2. The image of the point (3,-7) under a point reflection in the origin is (-3, 7). | True
False |
| 3. The image of the point (2,-9) under a point reflection in the origin is (-2,-9). | True
False | 4. The image of the point (-8,-4) under a point reflection in the origin is (8, 4). | True
False |
| 5. The image of the point (-5,-1) under a point reflection in the origin is (5,1). | True
False | 6. The image of the point (6,-2) under a point reflection in the origin is (-6,-2). | True
False |
| 7. The image of the point (4,-3) under a point reflection in the origin is (-4, 3). | True
False | 8. The image of the point (-3,-7) under a point reflection in the origin is (3, 7). | True
False |

9.



If the image has all of its points reflected horizontally through its center point it will always look the same.

True
False

10.



If the image has all of its points reflected vertically through its center point it will always look the same.

True
False



Name: _____

Date _____

Topic: Reflection in a Point - Worksheet 3

- | | | | |
|--|---------------|--|---------------|
| 1. The image of the point $(7,-2)$ under a point reflection in the origin is $(-7,-2)$. | True
False | 2. The image of the point $(3,-4)$ under a point reflection in the origin is $(-3, 4)$. | True
False |
| 3. The image of the point $(8,-5)$ under a point reflection in the origin is $(-8,-5)$. | True
False | 4. The image of the point $(-6,-3)$ under a point reflection in the origin is $(6, 3)$. | True
False |
| 5. The image of the point $(-9,-4)$ under a point reflection in the origin is $(9,4)$. | True
False | 6. The image of the point $(5,-7)$ under a point reflection in the origin is $(-5,-7)$. | True
False |
| 7. The image of the point $(6,-7)$ under a point reflection in the origin is $(-6, 7)$. | True
False | 8. The image of the point $(-2,-8)$ under a point reflection in the origin is $(2, 8)$. | True
False |

9.



- | | |
|--|---------------|
| If the image has all of its points reflected horizontally through its center point it will always look the same. | True
False |
|--|---------------|

10.



- | | |
|--|---------------|
| If the image has all of its points reflected vertically through its center point it will always look the same. | True
False |
|--|---------------|



Name: _____

Date _____

Topic: Reflection in a Point - Worksheet 4

- | | | | |
|--|---------------|--|---------------|
| 1. The image of the point $(4,-9)$ under a point reflection in the origin is $(-4,-9)$. | True
False | 2. The image of the point $(5,-7)$ under a point reflection in the origin is $(-5, 7)$. | True
False |
| 3. The image of the point $(3,-6)$ under a point reflection in the origin is $(-3,-6)$. | True
False | 4. The image of the point $(-1,-8)$ under a point reflection in the origin is $(1, 8)$. | True
False |
| 5. The image of the point $(-9,-2)$ under a point reflection in the origin is $(9,2)$. | True
False | 6. The image of the point $(3,-5)$ under a point reflection in the origin is $(-3,-5)$. | True
False |
| 7. The image of the point $(2,-7)$ under a point reflection in the origin is $(-2, 7)$. | True
False | 8. The image of the point $(-6,-7)$ under a point reflection in the origin is $(6, 7)$. | True
False |

9.



If the image has all of its points reflected horizontally through its center point it will always look the same.

True
False

10.



If the image has all of its points reflected vertically through its center point it will always look the same.

True
False



Name: _____

Date _____

Topic: Reflection in a Point - Worksheet 5

- | | | | |
|--|---------------|--|---------------|
| 1. The image of the point $(9,-9)$ under a point reflection in the origin is $(-9,-9)$. | True
False | 2. The image of the point $(3,-1)$ under a point reflection in the origin is $(-3, 1)$. | True
False |
| 3. The image of the point $(7,-2)$ under a point reflection in the origin is $(-7,-2)$. | True
False | 4. The image of the point $(-4,-3)$ under a point reflection in the origin is $(4, 3)$. | True
False |
| 5. The image of the point $(-6,-4)$ under a point reflection in the origin is $(6,4)$. | True
False | 6. The image of the point $(9,-4)$ under a point reflection in the origin is $(-9,-4)$. | True
False |
| 7. The image of the point $(8,-3)$ under a point reflection in the origin is $(-8, 3)$. | True
False | 8. The image of the point $(-10,-5)$ under a point reflection in the origin is $(10, 5)$. | True
False |



If the image has all of its points reflected horizontally through its center point it will always look the same.

True
False



If the image has all of its points reflected vertically through its center point it will always look the same.

True
False

