

The X, Y Axis (page 59)

1. (-8, 9)
2. (-8, 5)
3. (-5, 8)
4. (3, -5)
5. (7, -4)
6. (7, 1)
7. (3, 2)
8. (1, -2)
9. (-6, -1)
10. (-4, -4)
11. (-4, -1)
12. (1, 4)
13. (3, 4)
14. (2, 7)

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Using a Cartesian Plane (page 60)

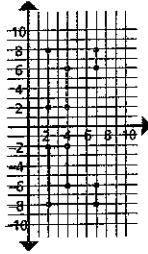
1. (-1, 3)
2. (-1, 4)
3. (-2, 3)
4. (5, 9)
5. (-8, -9)
6. (6, 0)
7. (-3, 4)
8. (-6, 11)

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Reflections Across the X-Axis (page 61)

1. Reflection (2, 8)

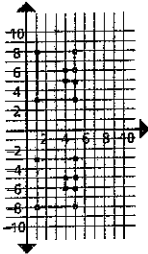
- (2, 2)
- (4, 2)
- (4, 6)
- (7, 6)
- (7, 8)



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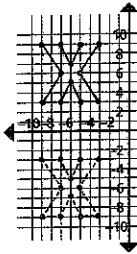
2. Reflection (1, -3)

- (1, -8)
- (5, -8)
- (5, -6)
- (4, -6)
- (4, -5)
- (5, -5)
- (5, -3)



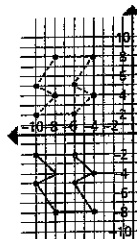
3. Reflection (-3, -3)

- (-5, -6)
- (-3, -9)
- (-5, -9)
- (-6, -7)
- (-7, -9)
- (-9, -9)
- (-7, -6)
- (-9, -3)
- (-7, -3)
- (-6, -5)
- (-5, -3)



4. Reflection (-6, 2)

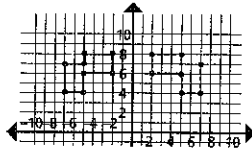
- (-4, 4)
- (-6, 5)
- (-4, 8)
- (-8, 8)
- (-10, 5)
- (-8, 4)
- (-10, 2)



**Reflections Across the Y-Axis (page 62)**

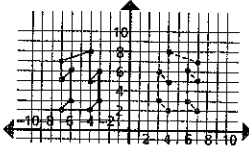
**1. Reflection (2, 6)**

- (2, 8)
- (5, 8)
- (5, 7)
- (7, 7)
- (7, 4)
- (5, 4)
- (5, 6)



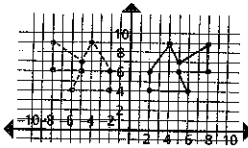
**2. Reflection (3, 3)**

- (3, 6)
- (4, 5)
- (4, 8)
- (7, 7)
- (7, 5)
- (6, 6)
- (6, 3)
- (7, 2)
- (4, 2)



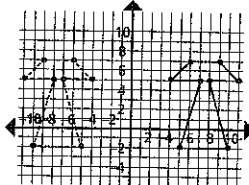
**3. Reflection (-2, 4)**

- (-2, 6)
- (-4, 9)
- (-5, 7)
- (-8, 9)
- (-8, 6)
- (-5, 6)
- (-6, 4)



**4. Reflection (-4, 5)**

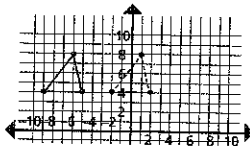
- (-6, 7)
- (-9, 7)
- (-11, 5)
- (-8, 5)
- (-10, -2)
- (-5, -2)
- (-7, 5)



**Translations Along the X-Axis (page 63)**

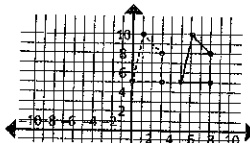
**1. Translation (-2, 4)**

- (1, 8)
- (2, 4)



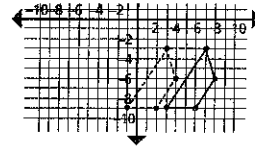
**2. Translation (0, 5)**

- (1, 10)
- (3, 8)
- (3, 5)



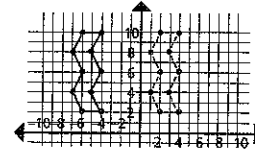
**3. Translation (-1, -9)**

- (3, -3)
- (4, -6)
- (2, -9)



**4. Translation (2, 2)**

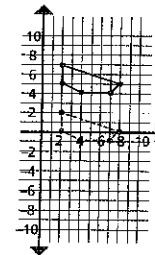
- (1, 4)
- (2, 6)
- (1, 8)
- (2, 10)
- (4, 10)
- (3, 8)
- (4, 6)
- (3, 4)
- (4, 2)



**Translations Along the Y-Axis (page 64)**

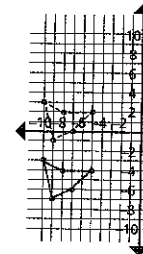
**1. Translation (2, 0)**

- (2, 2)
- (8, 0)
- (7, -1)
- (4, -1)



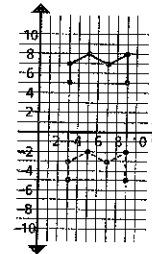
**2. Translation (-10, 3)**

- (-9, -1)
- (-7, 0)
- (-5, 2)
- (-8, 2)



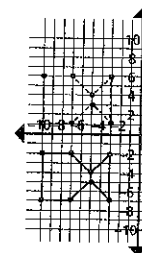
**3. Translation (3, -5)**

- (3, -3)
- (5, -2)
- (7, -3)
- (9, -2)
- (9, -5)



**4. Translation (-10, 6)**

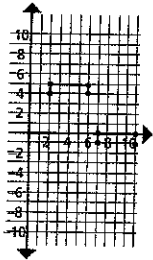
- (-7, 6)
- (-5, 4)
- (-3, 6)
- (-3, 1)
- (-5, 3)
- (-7, 1)
- (-10, 1)



**Oblique Translations (page 65)**

1. Translation (7, -1)

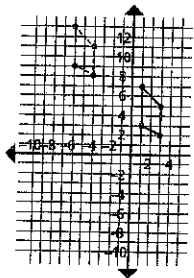
- (7, 0)
- (11, 0)
- (11, -1)



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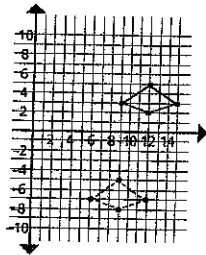
2. Translation (-6, 9)

- (-6, 13)
- (-4, 11)
- (-4, 8)



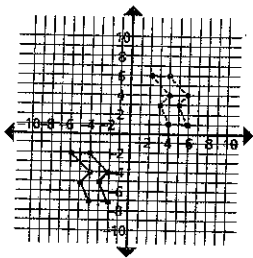
3. Translation (9, -5)

- (6, -7)
- (9, -8)
- (12, -7)



4. Translation (4, 6)

- (6, 4)
- (5, 3)
- (6, 1)
- (4, 1)
- (3, 3)
- (4, 4)
- (2, 6)



**Transformations (page 66)**

1. reflection across Y-axis
2. reflection across X-axis
3. reflection across Y-axis
4. oblique translation
5. translation along Y-axis
6. oblique translation

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**Exploring Linear Equations (page 97)**

1.  $x + 1, y + 1$
2.  $x - 1, y + 3$
3.  $x + 4, y - 2$
4.  $2x, y + 1$
5.  $x + 1, 3y$
6.  $2x + 1, y$

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**Functions (page 19)**

1.  $\times 5$
2.  $+ 14$
3.  $\div 3$
4.  $\times 3$
5.  $- 7$
6.  $\div 6$
7.  $\times 12$
8.  $- 2$
9.  $+ 8$
10.  $\times 6$
11.  $+ 31$
12.  $\div 8$
13.  $\times 9$
14.  $- 6$
15.  $\div 2$
16.  $- 1/4$
17.  $+ 1/2$
18.  $\div 4$  or  $\times 0.25$

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