

Name : \_\_\_\_\_

## Coordinate Rule

Sheet 1

Write the coordinate rule with the given center and scale factor (k).

1) center :  $(6, 2)$  ,  $k = 3.5$

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2) center :  $(5, -8)$  ,  $k = 4$

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3) center :  $(-7, -3)$  ,  $k = 2$

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4) center :  $(-4, 4)$  ,  $k = 0.5$

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5) center :  $\left(\frac{3}{2}, -\frac{9}{2}\right)$  ,  $k = \frac{1}{3}$

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6) center :  $(1, 0)$  ,  $k = 9$

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7) center :  $(-2, -1)$  ,  $k = \frac{1}{6}$

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8) center :  $(-5, 10)$  ,  $k = \frac{3}{5}$

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9) center :  $\left(3, \frac{6}{7}\right)$  ,  $k = \frac{7}{3}$

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10) center :  $(4, -1)$  ,  $k = 7$

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