

Name : _____

Coordinate Rule

Sheet 2

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

1) center : $(-8, -4)$, $k = \frac{1}{4}$

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

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

4) center : $(-6, -3)$, $k = \frac{7}{6}$

5) center : $(2, 3)$, $k =$

PREVIEW
Gain complete access to the largest
collection of worksheets in all subjects!

$)$, $k = 2$

7) center : $(-\frac{9}{8}, \frac{3}{4})$.

$)$, $k = 6$

9) center : $(-6, 5)$, $k = \frac{3}{4}$

10) center : $(-2, 10)$, $k = 0.8$

Coordinate Rule

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

1) center : $(-8, -4)$, $k = \frac{1}{4}$

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

$$\left(\frac{1}{4}x - 6, \frac{1}{4}y - 3\right)$$

$$(3x - 14, 3y - 4)$$

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

4) center : $(-6, -3)$, $k = \frac{7}{6}$

$$\left(5x - \frac{4}{5}, \right)$$

PREVIEW

$$\left(, \frac{7}{6}y + \frac{1}{2}\right)$$

5) center : $(2, 3)$, $k = 2$

Gain complete access to the largest
collection of worksheets in all subjects!

), $k = 2$

$$(8.6x - 15.2,$$

Members, please
log in to
download this
worksheet.

Not a member?
Please sign up to
gain complete
access.

$$, 2y + 6)$$

7) center : $\left(-\frac{9}{8}, \frac{3}{4}\right)$,

, $k = 6$

$$\left(\frac{2}{3}x - \frac{3}{8}, \frac{3}{3}y + \frac{3}{4}\right)$$

$$(6x - 20, 6y + 15)$$

9) center : $(-6, 5)$, $k = \frac{3}{4}$

10) center : $(-2, 10)$, $k = 0.8$

$$\left(\frac{3}{4}x - \frac{3}{2}, \frac{3}{4}y + \frac{5}{4}\right)$$

$$(0.8x - 0.4, 0.8y + 2)$$