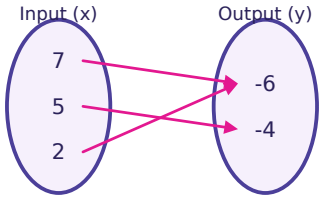
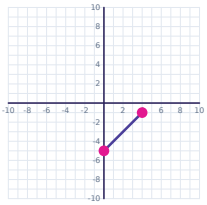
Find the range of the relation {(6, -9), (4, -1), (0, 2), (8, -7), (-4, -1)}.

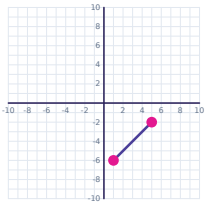
The mapping diagram shows a function. What is its domain?



Write the domain of the function graphed below as an inequality.



Write the range of the function graphed below as an inequality.



Find the domain of $f(x) = \sqrt{(x - 7)}$.

Which x-value is not in the domain of $f(x) = \frac{8}{x + 9}$?

$f(x) = 4x + 4$ for $-2 \leq x \leq 3$. Find the range.

Find the range of $f(x) = \sqrt{(x - 5)} + 5$.

Finding Domain & Range · 2

ANSWER

2, 5, 7

Finding Domain & Range · 1

ANSWER

-9, -7, -1, 2

Finding Domain & Range · 4

ANSWER

$-6 \leq y \leq -2$

Finding Domain & Range · 3

ANSWER

$0 \leq x \leq 4$

Finding Domain & Range · 6

ANSWER

-9

Finding Domain & Range · 5

ANSWER

$x \geq 7$

Finding Domain & Range · 8

ANSWER

$y \geq 5$

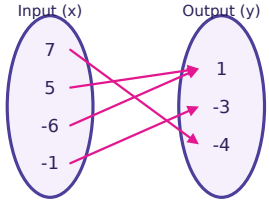
Finding Domain & Range · 7

ANSWER

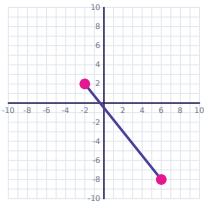
$-4 \leq y \leq 16$

Find the range of the relation {(3, -8), (-6, -1), (7, 3), (-9, 8), (-8, -1)}.

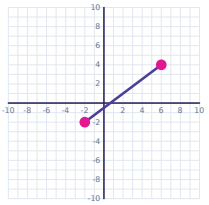
The mapping diagram shows a function. What is its domain?



Write the domain of the function graphed below as an inequality.



Write the range of the function graphed below as an inequality.



Find the domain of $f(x) = \sqrt{(x + 7)}$.

Which x-value is not in the domain of $f(x) = \frac{4}{x + 3}$?

$f(x) = 2x - 2$ for $-5 \leq x \leq$

1. Find the range.

Find the range of $f(x) = \sqrt{(x - 1)} - 7$.

Finding Domain & Range · 10

ANSWER

-6, -1, 5, 7

Finding Domain & Range · 9

ANSWER

-8, -1, 3, 8

Finding Domain & Range · 12

ANSWER

$-2 \leq y \leq 4$

Finding Domain & Range · 11

ANSWER

$-2 \leq x \leq 6$

Finding Domain & Range · 14

ANSWER

-3

Finding Domain & Range · 13

ANSWER

$x \geq -7$

Finding Domain & Range · 16

ANSWER

$y \geq -7$

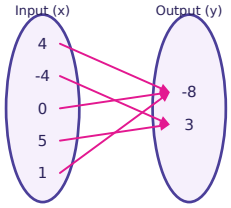
Finding Domain & Range · 15

ANSWER

$-12 \leq y \leq 0$

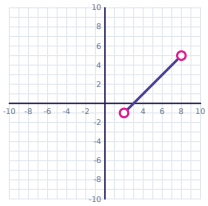
Finding Domain & Range · 17

The mapping diagram shows a function. What is its range?



Finding Domain & Range · 18

Write the range of the function graphed below as an inequality.



Finding Domain & Range · 19

$f(x) = x - 4$ for $-4 \leq x \leq -1$. Find the range.

Finding Domain & Range · 20

Find the domain of $f(x) = \sqrt{(5 - x)}$.

Finding Domain & Range · 21

Which x-value is not in the domain of $f(x) = \frac{1}{2x - 8}$?

Finding Domain & Range · 22

Find the range of $f(x) = -\sqrt{(x + 4)} - 4$.

Finding Domain & Range · 23

Find the range of $f(x) = x^2 + 4$.

Finding Domain & Range · 24

Find the domain of the relation {(-5, 5), (-7, 3), (1, 5), (5, -4), (7, -6)}.

Finding Domain & Range · 18

ANSWER

$-1 < y < 5$

Finding Domain & Range · 17

ANSWER

$-8, 3$

Finding Domain & Range · 20

ANSWER

$x \leq 5$

Finding Domain & Range · 19

ANSWER

$-8 \leq y \leq -5$

Finding Domain & Range · 22

ANSWER

$y \leq -4$

Finding Domain & Range · 21

ANSWER

4

Finding Domain & Range · 24

ANSWER

$-7, -5, 1, 5, 7$

Finding Domain & Range · 23

ANSWER

$y \geq 4$