Finding Domain & Range · 1

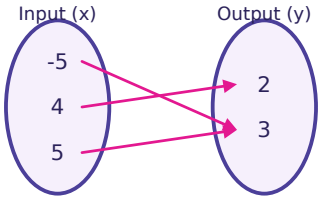
Find the domain of the relation {(2, 2), (-8, 9), (6, 2), (3, 1)}.

Finding Domain & Range · 2

Find the range of the relation {(-4, -6), (6, 1), (-7, -5), (-2, 1)}.

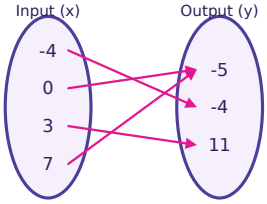
Finding Domain & Range · 3

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



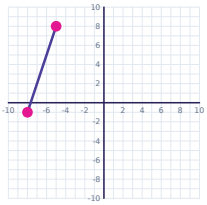
Finding Domain & Range · 4

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



Finding Domain & Range · 5

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

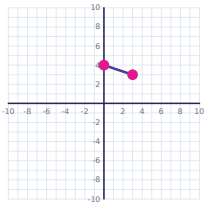


Finding Domain & Range · 6

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

Finding Domain & Range · 7

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



Finding Domain & Range · 8

Find the domain of the relation {(9, 7), (1, 7), (8, -5), (-6, 5)}.

Finding Domain & Range · 2

ANSWER

-6, -5, 1

Finding Domain & Range · 1

ANSWER

-8, 2, 3, 6

Finding Domain & Range · 4

ANSWER

-5, -4, 11

Finding Domain & Range · 3

ANSWER

-5, 4, 5

Finding Domain & Range · 6

ANSWER

$x \geq 7$

Finding Domain & Range · 5

ANSWER

$-8 \leq x \leq -5$

Finding Domain & Range · 8

ANSWER

-6, 1, 8, 9

Finding Domain & Range · 7

ANSWER

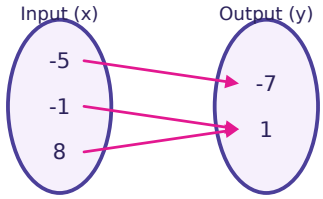
$3 \leq y \leq 4$

Finding Domain & Range · 9

Find the range of the relation {(2, 4), (-7, 9), (4, 9), (-3, 0)}.

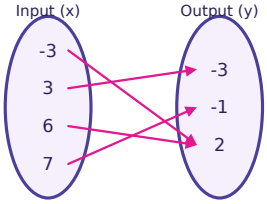
Finding Domain & Range · 10

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



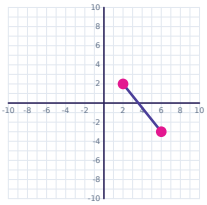
Finding Domain & Range · 11

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



Finding Domain & Range · 12

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

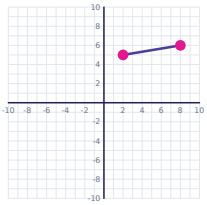


Finding Domain & Range · 13

Find the domain of $f(x) = \sqrt{(x - 3)}$.

Finding Domain & Range · 14

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

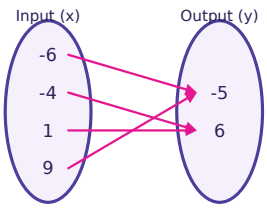


Finding Domain & Range · 15

Find the range of the relation {(9, -1), (7, -2), (-9, 2), (3, -9), (-5, 2)}.

Finding Domain & Range · 16

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



Finding Domain & Range · 10

ANSWER

-5, -1, 8

Finding Domain & Range · 9

ANSWER

0, 4, 9

Finding Domain & Range · 12

ANSWER

$2 \leq x \leq 6$

Finding Domain & Range · 11

ANSWER

-3, -1, 2

Finding Domain & Range · 14

ANSWER

$5 \leq y \leq 6$

Finding Domain & Range · 13

ANSWER

$x \geq 3$

Finding Domain & Range · 16

ANSWER

-6, -4, 1, 9

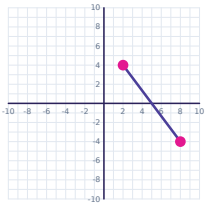
Finding Domain & Range · 15

ANSWER

-9, -2, -1, 2

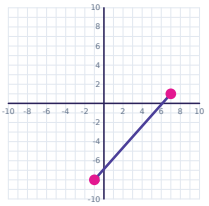
Finding Domain & Range · 17

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



Finding Domain & Range · 18

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



Finding Domain & Range · 19

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

Finding Domain & Range · 20

Which x-value is not in the domain of $f(x) = \frac{1}{x + 7}$?

Finding Domain & Range · 21

$f(x) = 2x + 6$ for $0 \leq x \leq 3$. Find the range.

Finding Domain & Range · 22

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

Finding Domain & Range · 23

Find the domain of the relation {(2, -2), (4, -2), (9, -8), (8, -7)}.

Finding Domain & Range · 24

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

Finding Domain & Range · 18

ANSWER

$-8 \leq y \leq 1$

Finding Domain & Range · 17

ANSWER

$2 \leq x \leq 8$

Finding Domain & Range · 20

ANSWER

-7

Finding Domain & Range · 19

ANSWER

$x \geq 1$

Finding Domain & Range · 22

ANSWER

$y \geq -4$

Finding Domain & Range · 21

ANSWER

$6 \leq y \leq 12$

Finding Domain & Range · 24

ANSWER

$-1, 1, 8$

Finding Domain & Range · 23

ANSWER

$2, 4, 8, 9$