Task card 1 Finding Domain & Range

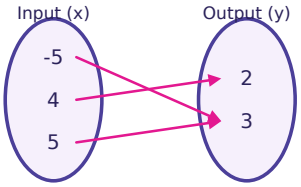
Find the domain of the relation {(2, 2), (-8, 9), (6, 2), (3, 1)}.

Task card 2 Finding Domain & Range

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

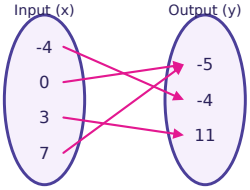
Task card 3 Finding Domain & Range

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



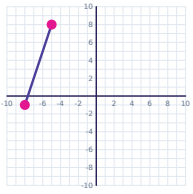
Task card 4 Finding Domain & Range

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



Task card 5 Finding Domain & Range

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

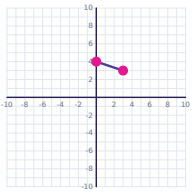


Task card 6 Finding Domain & Range

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

Task card 7 Finding Domain & Range

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



Task card 8 Finding Domain & Range

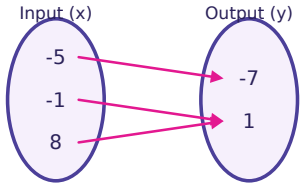
Find the domain of the relation {(9, 7), (1, 7), (8, -5), (-6, 5)}.

Task card 9 Finding Domain & Range

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

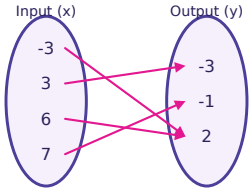
Task card 10 Finding Domain & Range

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



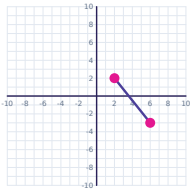
Task card 11 Finding Domain & Range

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



Task card 12 Finding Domain & Range

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

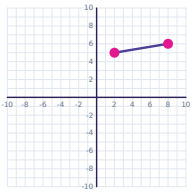


Task card 13 Finding Domain & Range

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

Task card 14 Finding Domain & Range

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

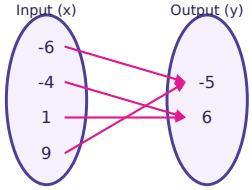


Task card 15 Finding Domain & Range

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

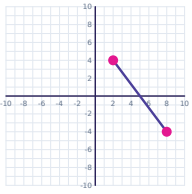
Task card 16 Finding Domain & Range

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



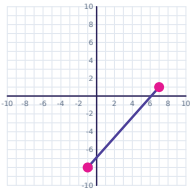
Task card 17 Finding Domain & Range

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



Task card 18 Finding Domain & Range

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



Task card 19 Finding Domain & Range

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

Task card 20 Finding Domain & Range

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

Task card 21 Finding Domain & Range

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

Task card 22 Finding Domain & Range

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

Task card 23 Finding Domain & Range

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

Task card 24 Finding Domain & Range

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

Finding Domain & Range Task Cards

Recording sheet · Grade 9 · Write a domain or range from a list as its numbers from least to greatest, separated by commas, like -2, 0, 5 (each number once). Write an interval with inequalities, like $x \geq 3$, $y \leq 4$ or $-2 \leq x < 5$ (x for a domain, y for a range). If a question asks which x-value is left out of the domain, write just that number.

Scan to check your answers

Name: _____ Date: _____

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

Finding Domain & Range Task Cards: Answer Key

Grade 9 · Easy

The answers online

1. -8, 2, 3, 6	**2.** -6, -5, 1	**3.** -5, 4, 5
4. -5, -4, 11	**5.** $-8 \leq x \leq -5$	**6.** $x \geq 7$
7. $3 \leq y \leq 4$	**8.** -6, 1, 8, 9	**9.** 0, 4, 9
10. -5, -1, 8	**11.** -3, -1, 2	**12.** $2 \leq x \leq 6$
13. $x \geq 3$	**14.** $5 \leq y \leq 6$	**15.** -9, -2, -1, 2
16. -6, -4, 1, 9	**17.** $2 \leq x \leq 8$	**18.** $-8 \leq y \leq 1$
19. $x \geq 1$	**20.** -7	**21.** $6 \leq y \leq 12$
22. $y \geq -4$	**23.** 2, 4, 8, 9	**24.** -1, 1, 8