

Function Composition to Domain to

Line

1 $f(x) = \frac{1}{x}$

Which number line shows the domain of this function composition?

$$g(x) = 1x + 3$$

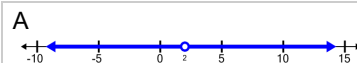


$f(g(x)) \rightarrow$ Domain? B

2 $f(x) = \frac{5}{x}$

Which number line shows the domain of this function composition?

$$g(x) = 1x - 0$$

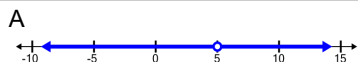


$f(g(x)) \rightarrow$ Domain? B

3 $f(x) = \frac{-3}{x}$

Which number line shows the domain of this function composition?

$$g(x) = 1x - 5$$

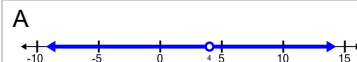


$f(g(x)) \rightarrow$ Domain? B

4 $f(x) = \frac{1}{x}$

Which number line shows the domain of this function composition?

$$g(x) = 1x - 2$$

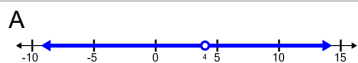


$f(g(x)) \rightarrow$ Domain? B

5 $f(x) = \frac{5}{x}$

Which number line shows the domain of this function composition?

$$g(x) = -1x + 2$$

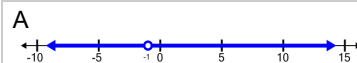


$f(g(x)) \rightarrow$ Domain? B

6 $f(x) = \frac{-1}{x}$

Which number line shows the domain of this function composition?

$$g(x) = 1x + 3$$

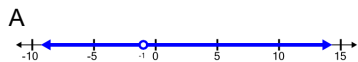


$f(g(x)) \rightarrow$ Domain? B

7 $f(x) = \frac{-4}{x}$

Which number line shows the domain of this function composition?

$$g(x) = 1x + 1$$



$f(g(x)) \rightarrow$ Domain? B

8 $f(x) = \frac{-2}{x}$

Which number line shows the domain of this function composition?

$$g(x) = 1x + 2$$



$f(g(x)) \rightarrow$ Domain? B