

mobius

Function Composition to Domain to Domain - Integer over Linear to Number



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

Which number line shows the domain of this function composition?

2
$$f(x) = \frac{-4}{x}$$

Which number line shows the domain of this function composition?

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



$$g(x) = 1x + 4$$



$$f(g(x)) \rightarrow \mathsf{Domain?}$$

$$f(g(x)) o ext{Domain?}
ight|_{rac{c_1}{c_2}}
ight|_{rac{c_2}{c_2}} f(g(x)) o ext{Domain?}$$

$$f(g(x)) o \mathsf{Domain}$$
?



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

Which number line shows the domain of this function composition?

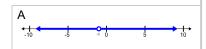
$$f(x) = \frac{-1}{x}$$

Which number line shows the domain of this function composition?

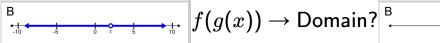
$$g(x)=1x-2$$



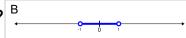
$$g(x) = 1x + 1$$



$$f(g(x)) \rightarrow \mathsf{Domain}$$
?



$$|f(g(x)) o \mathsf{Domain}|$$
?



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

Which number line shows the domain of this function composition?

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

Which number line shows the domain of this function composition?

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



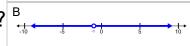
$$g(x)=1x+1$$



$$f(g(x)) o \mathsf{Domain}$$
?



$$f(g(x)) o \mathsf{Domain}$$
?



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

Which number line shows the domain of this function composition?

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

Which number line shows the domain of this function composition?

$$g(x) = -1x + 4$$



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

$$f(g(x)) o \mathsf{Domain}$$
?

$$f(g(x)) o \mathsf{Domain?}^{\mathsf{B}}$$

$$f(g(x)) o \mathsf{Domain}$$
?