

Function Domain/Range Definition - Number Line to Interval (With Union)

1 What interval describes the domain on this number line?



A $(-5, 7) \cup [11, 10]$

B $[-5, 7] \cup (10, 11)$

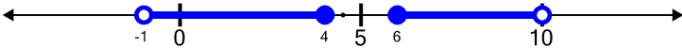
2 What interval describes the domain on this number line?



A $(-\infty, 3] \cup [4, 9]$

B $(-4, 3) \cup (4, 9)$

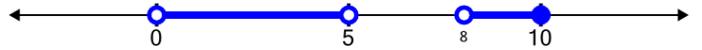
3 What interval describes the range on this number line?



A $(-1, 4] \cup [6, 10)$

B $(-1, 4) \cup (6, 10]$

4 What interval describes the domain on this number line?



A $(0, 5) \cup (8, 10]$

B $[0, 5] \cup [8, 10]$

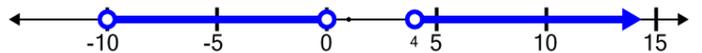
5 What interval describes the domain on this number line?



A $(-\infty, 7] \cup [8, 10]$

B $(-\infty, 7] \cup (8, 10]$

6 What interval describes the domain on this number line?



A $(-10, 0) \cup (4, \infty)$

B $[-10, 0] \cup [4, \infty)$

7 What interval describes the domain on this number line?



A $(-\infty, 7] \cup [8, \infty)$

B $[-7, 7] \cup [8, \infty)$

8 What interval describes the range on this number line?



A $[-4, 4] \cup [8, \infty)$

B $(-\infty, 4] \cup (8, \infty)$