Exercise 74

Distance Find the distance between the given numbers.

$$\xrightarrow{\quad\;\; \underset{-3\;\;-2\;\;-1\quad 0\quad 1\quad 2\quad 3}{\rule{0pt}{0pt}}\quad\;\;}$$
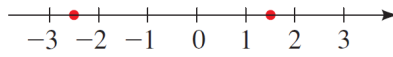
Solution

The distance between the numbers is the absolute value of their difference.

$$|1.5 - (-2.5)| = |4| = 4$$