

Real Numbers and the Number Line Exit Quiz

Graph each set of numbers.

1. $\{-4, -2, 1, 5, 7\}$



2. $\{-2.8, -1.5, 0.2, 2.1, 3.4\}$



Evaluate each expression if $x = 8$, $y = 14$, and $z = -0.67$.

3. $75 - |x + 43|$

4. $|43 - 4x| + 5x$

5. $25 + |17 + y|$

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 Exit Quiz**ANSWER**

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Evaluate each expression if $x = 8$, $y = 14$, and $z = -0.67$.

3.
$$\begin{aligned} 75 - |x + 43| \\ &= 75 - |8 + 43| \\ &= 75 - 51 \\ &= 24 \end{aligned}$$

4.
$$\begin{aligned} |43 - 4x| + 5x \\ &= |43 - 4(8)| + 5(8) \\ &= |43 - 32| + 40 \\ &= 11 + 40 \\ &= 51 \end{aligned}$$

5.
$$\begin{aligned} 25 + |17 + y| \\ &= 25 + |17 + 14| \\ &= 25 + 31 \\ &= 56 \end{aligned}$$