Finding Sums and Differences of Real Numbers

|  |  |
| --- | --- |
| Use the number line to find each sum.  I I I I I I I I I I I I I  I I I I I I I I I I I I I | Use the number line to find each difference.  I I I I I I I I I I I I I  I I I I I I I I I I I I I |

1. What is the sum of a number and its opposite?

Finding products and Quotients of Real Numbers

|  |  |  |  |
| --- | --- | --- | --- |
| Find each product. |  | Find each quotient. |  |

1. Determine whether each sentence is *always, sometimes,* or *never* true.
2. The product of a number and its reciprocal is -1.
3. The quotient of a nonzero number and its opposite is -1.
4. If the product of two fractions is negative, then their quotient is positive.