Finding Sums and Differences of Real Numbers

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| Use the number line to find each sum.  I I I I I I I I I I I I I  -5 +2 = -3  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? 0

Finding products and Quotients of Real Numbers

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| 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.

Never

1. The quotient of a nonzero number and its opposite is -1.

Always

1. If the product of two fractions is negative, then their quotient is positive.

Never