

## Exercise 13

**Properties of Real Numbers** State the property of real numbers being used.

$$(x + 2y) + 3z = x + (2y + 3z)$$

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### Solution

This is the associative property of addition. Whether you add  $x$  and  $2y$  first and then add  $3z$  or add  $2y$  and  $3z$  first and then add  $x$ , you get the same result.