Equivalent Expressions Matching Game

$5(2x + 3)$ → $10x + 15$

Instructions:

- Separate the cards into 2 groups, the first expressions and their equivalent expressions.
- Keep the groups separate and place all the cards face down.
- Turn over one card from each group to find two expressions that are equivalent. If you find a match, ask a friend to verify, and keep the cards.
- If they are not a match, flip them back over and it is the next player's turn.

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$4(3x + 2)$ → $12x + 8$

$5x + 2 - 3x + 4$ → $2x + 6$

Equivalent Expressions Matching Game

$6(2x - 7)$	$12x - 42$
$5(2x + 3)$	$10x + 15$
$-9x - 5 + 6x - 2$	$-3x - 7$

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Equivalent Expressions Matching Game

$3(4 + 12x)$	$12 + 36x$
$8x + 3 - 2x - 1x$	$6x - 3x + 3$
$4(4x + 2)$	$16x + 8$
$-2x + 5 - x + 3y$	$-3x + 5 + 3y$

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Equivalent Expressions Matching Game

$7(4x - 2)$	$28x - 14$
$(3x + 2)$	$24x + 6$
$-5x + 1 - 3x - 10$	$-8x - 9$
$6(3y - 7)$	$18y - 42$

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Equivalent Expressions Matching Game

$11(4y - 2)$	$44y - 22$
$7(x + 3)$	$7x + 21$
$6(6y - 2)$	$36y - 12$
$2(5y - 7)$	$10y - 14$

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Equivalent Expressions Matching Game

$8(x + 2x)$	$24x$
$4x + 2x - 3x + 1$	$3x - 7$
$x(3 + 4)$	$7x$
$5(y + 2)$	$5y + 10$

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