

It's All in the Translation!

$7x$	The product of 7 and a number
$x + 3$	The sum of a number and 3
$9 + x$	Nine increased by a number
$x - 9$	A number decreased by 9

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$x - 2$	Two less than a number
$x - 6$	A number decreased by 6
$x - 7$	Seven less than a number
$x + 16$	A number increased by 16

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$7 + x$	Seven increased by a number
$x - 4$	Four less than a number
$x - 7$	A number decreased by 7
$6x$	The product of 6 and a number

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$x + 8$	The sum of a number and 8
$7x = 35$	Seven times a number is 35
$5 + 2x$	Five more than twice a number
$10 + 2x$	Ten more than twice the number

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$3x - 8$	Eight less than 3 times a number
$8x - 10$	Ten less than 8 times a number
$5x - 9$	Nine less than 5 times a number
$4x - 9$	Nine less than 4 times a number

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$5(x + 7)$	Five times the sum of x and 7
$5(6 + x)$	Five times the sum of 6 and x
$(x + 6) + 1$	One more than the sum of x and 6
$6(x + 4) + 7$	Seven more than 6 times the sum of a number and 4

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$6(3 + x)$	Six times the sum of 3 and a number
$2(x + 5) - 7$	Seven less than twice the sum of a number and 5
$5 + (2x - 3)$	Five increased by the difference of twice a number and 3
$4 + x = 20$	Four increased by a number is 20

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$x + 4 = 3x$	Four more than a number is the same as 3 times the number
$9 + 8x = 7x$	Nine more than 8 times a number is the same as 7 times the number
$8 + 2x = 14$	Eight more than twice a number is 14
$x + 14 = 3x$	Fourteen more than a number is 3 times the number

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$x + 20 = 3x$	A number increased by 20 is 3 times the number
$x + 10 = 3x$	Ten more than a number is 3 times the number
$6x - 3 = 15$	Three less than 6 times a number is 15
$5x = 6 + 2x$	Five times a number is the same as 6 more than twice the number

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$3(x + 4) = 21$	Three times the sum of x and 4 is 21
$4(x + 10) = 6$	Four times the sum of a number and 10 is 6
$2x - 7 = x - 8$	Seven less than twice a number is the same as the number decreased by 8
$4 + 5x = 3x$	Four more than 5 times a number is the same as 3 times the number

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$6 - 3x = -9$	Six decreased by 3 times a number equals -9
$7 + 4x = 15$	Seven more than 4 times a number is 15
$6x - 4 = 44$	Four less than 6 times a number is 44
$8 + (x + 5) = 3$	Eight increased by the sum of a number and 5 is 3

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$3x + 8 = 2$	Eight more than 3 times a number is 2
$12 + 4x = 2$	Twelve increased by 4 times a number is 2
$6x - 5 = 7$	Five less than 6 times a number is 7
$9 - 2x = 1$	Nine decreased by twice a number is 1

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$x + 5x = -30$	A number increased by 5 times the number is -30
$8 - 5x = 18$	Eight decreased by 5 times a number is 18
$3[x + (-2)]$	Three times the sum of a number and -2
$12 - 5(x + 7)$	Twelve decreased by 5 times the sum of a number and 7

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$3 + x < 10$	Three more than a number is less than 10
$x + 3 \geq 10$	Three more than a number is no less than 10
$5 + x \geq 8$	Five more than a number is at least 8
$x - 5 \leq 8$	A number minus 5 is no more than 8

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DIRECTIONS

1. Cut out the cards for "It's All in the Translation!" so that each group of four has a deck of cards.
2. The dealer should deal each player seven cards. The top card of the cards remaining in the deck should be placed face up beside the deck. This is the discard pile.
3. Players take turns drawing a card from the deck or taking the top card from the discard pile. In each round, the player must lay down matching pairs and then discard one card.
4. If after several rounds the deck is depleted, turn the discard pile over as a new deck with the top card placed face up to start a new discard pile.
5. The game is over when the first person runs out of cards. Each player gets ten points for each match and the winner gets one additional point for each card remaining in the opponents' hands.