

PARTNER A _____

PARTNER B _____

	1	2	3	4	5	6
1	$x = 3a + 2b$ $2x = 6a + 4b$	Evaluate $a^2 = 2a + 1$ $2a = 2$	Simplify $3 + \sqrt{2} = 2 + 1$	Evaluate $3 = 2 + 1$ $2 + 2 = 4$ $2 + 2 = 4$	Simplify $4^2 = (2 + 2)^2 = 16$	Evaluate $4a = 8$ $2 + 2 + 4 = 8$
2	Simplify $2 + 3 = 5 + 0$	$x = 3a + 2b$ $-4b = 2b$	Evaluate $\frac{a^2}{2} = 1$ $2a^2 = 2 + 2 = 4$	Simplify $2 + 2\sqrt{2} = 2\sqrt{2}$	Evaluate $a = 2 + (2 + 2) = 6$ $2 + 2 = 4$	Simplify $\frac{2a + 2b + 2}{2 + 2}$
3	Evaluate $a^2 = 2^2$ $2a = 2(2) = 4$	Simplify $\frac{2}{\sqrt{2}} = \sqrt{2}$	$x = 3a + 2b$ $4a = 4$	Evaluate $a^2 = 2^2$ $2 + 2 = 4$	Simplify $4 = (2 + 2) = 4$	Evaluate $a = 2^2$ $2 + 2 = 4$
4	Simplify $(2^2 + 3) - (2 + 4)$	Evaluate $2a = 2 + 2$ $2a = 4$	Simplify $\frac{2 + 2 + 2}{2 + 2} = \frac{6}{4} = \frac{3}{2}$	$x = 2 + 3a + 4b$ $\frac{2}{-2} = -1$	Evaluate $(2a + 2) = 4 + 2 = 6$ $2 + 2 = 4$	Simplify $\frac{2 + 2 + 2}{2}$
5	Evaluate $2a = 2^2$ $2a = 4$	Simplify $2 + 2 + 2 + 2 = 8$	Evaluate $\frac{2^2 + 2}{2} = \frac{6}{2} = 3$ $2 + 2 = 4$	Simplify $(2^2 + 2) + (2^2 + 2) = 10$	$x = (2 + 2)$ $2a = 4$	Evaluate $2a = 4$ $2^2 + 2 = 6$ $2 + 2 = 4$
6	Simplify $(2^2 + 2) - (2 + 2)$	Evaluate $2a = 4$ $2 + 2 = 4$ $2 + 2 = 4$	Simplify $\frac{2a + (2 + 2)}{2 + 2} = \frac{8}{4} = 2$	Evaluate $2a^2$ $2 + 2 = 4$	Simplify $4 = 2^2 + 2 = 6$	$x = 3a + 2b$ $-2b = 2b$