

Does (x, y) solve the equation?

| Ordered pair (x, y) | Equation (show your substitution) | Yes or No? |
|---------------------|-----------------------------------|------------|
| (9, 4) | $y = x - 5$ | |
| (8, 11) | $y = 2x$ | |
| (3, 12) | $y = 4x$ | |
| (0, 5) | $y = 5x$ | |
| (15, 7) | $y = x + 8$ | |
| (10, 45) | $x - 35 = 45$ | |
| (3.5, 14) | $y - 10.5 = x$ | |

Does (x, y) solve the equation? ANSWER KEY

| Ordered pair (x, y) | Equation (show your substitution) | Yes or No? |
|---------------------|--|------------|
| (9, 4) | $y = x - 5$ $4 = 9 - 5$ $4 = 4$ | YES |
| (8, 11) | $y = 2x$ $11 = 2(8)$ $11 = 16$ | NO |
| (3, 12) | $y = 4x$ $12 = 4(3)$ $12 = 12$ | YES |
| (0, 5) | $y = 5x$ $5 = 5(0)$ $5 = 0$ | NO |
| (15, 7) | $y = x + 8$ $7 = 15 + 8$ $7 = 23$ | NO |
| (10, 45) | $x - 35 = 45$ $10 - 35 = 45$ $-25 = 45$ | NO |
| (3.5, 14) | $y - 10.5 = x$ $14 - 10.5 = 3.5$ $3.5 = 3.5$ | YES |