Substitution Picture Puzzle

- 1) If x = 5, what is the value of 2x 2?
- 2) If x = 4, what is the value of 5x?
- 3) If x = 7, what is the value of 6x 2?
- 4) If x = 12, what is the value of 5x?
- 5) If x = 9, what is the value of 3x + 1?
- 6) If x = 5 and y = 2, what is the value of 2x + 3y?
- 7) If x = 8 and y = 4, what is the value of 6x + 4y?
- 8) If x = 5 and y = 3, what is the value of 2x 3y?
- 9) If x = 7 and y = 1, what is the value of 2x + y?
- 10) If x = 9 and y = 5, what is the value of 5x 2y?
- 11) If x = 2 and y = 1, what is the value of 6x 6y?
- 12) If x = 7 and y = 6, what is the value of 7x + y?
- 13) If x = 9 and y = 10, what is the value of 10x 4y?
- 14) If x = 5 and y = 7, what is the value of 5x + y?
- 15) If x = 11 and y = 9, what is the value of 5x 5y?
- 16) If x = 6 and y = 8, what is the value of xy?

- 17) If x = 5 and y = 6, what is the value of xy + 1?
- 18) If x = 2 and y = 1, what is the value of $x^2 + y^2$?
- 19) If x = 9 and y = 8, what is the value of xy 10?
- 20) If x = 5 and y = 12, what is the value of y 2x?
- 21) If x = 15 and y = 13, what is the value of 4x 3y?
- 22) If x = 4 and y = 1, what is the value of $x^2 5y$?
- 23) If x = 15 and y = 11, what is the value of 3x 3y?
- 24) If x = 2 and y = 19, what is the value of 2y 4x?
- 25) If x = 20 and y = 9, what is the value of 3x 4y 10?
- 26) If x = 15 and y = 3, what is the value of 2x + 3y?
- 27) If x = 15 and y = 1, what is the value of 4x 2y?
- 28) If x = 15 and y = 1, what is the value of 4x 2y 20?
- 29) If x = 5 and y = 4, what is the value of $x^2 + 5y$?
- 30) If x = 3 and y = 4, what is the value of $x^2 + y^2$?
- 31) If x = 3 and y = 3, what is the value of $x^3 y$?
- 32) If x = 6 and y = 4, what is the value of $x^2 y^2 + 2$?
- 33) If x = 6 and y = 4, what is the value of $x^2 y^2 2$?

