

Name \_\_\_\_\_

## Combine Like Terms

(01).  $Perimeter = 2x + 2x + 2x + 2x = 8x$

(02).  $Perimeter = 2y + 3x + 2y + 3x$   
 $= 6x + 4y$

(03).  $Perimeter = (2p + 4) + 2p + 3x$   
 $= 4p + 3x + 4$

(04).  $Perimeter = (x + 3) + x + (x + 3) + x$   
 $= 4x + 6$

(05).  $Perimeter = (y + 1) + (x + 4) + (y + 1) + (x + 4)$   
 $= 2y + 2x + 10$

(06).  $Area = x \times (a + 4)$   
 $= x \times a + x \times 4$   
 $= xa + 4x$

(07).  $Area = 3x \times (x - 1)$   
 $= 3x \times x - 3x \times 1$   
 $= 3x^2 - 3x$

(08).  $Area = 3n \times (2n - 1)$   
 $= 3n \times 2n - 3n \times 1$   
 $= 6n^2 - 3n$

(09).  $Area = (3a + b) \times 2a$   
 $= 2a \times 3a + 2a \times b$   
 $= 6a^2 + 2ab$

(10).  $Perimeter = (x + 3) + [(x + 2) + (x + 1)] + (x + 3) + [(x + 2) + (x + 1)]$   
 $= x + 3 + x + 2 + x + 1 + x + 3 + x + 2 + x + 1$   
 $= 6x + 12$