



1. 次の計算をなさい。

(1)  $4x + 2x$

(2)  $7y - 3y$

(3)  $5a + 3a - 2a$

(4)  $10y - 5y + 2y$

(5)  $(8y - 3) - (2y + 4)$

(6)  $3x \times 4$

(7)  $\frac{8x}{4}$

(8)  $\frac{1}{2}(10a + 6b)$

(9)  $\frac{1}{3}(9x - 6y)$

(10)  $2(4x - 3y) + 3(-x + 5y)$   
 $8x - 6y - 3x + 15y$   
 $= 5x + 9y$

(11)  $\frac{1}{2}(14a + 6b) - \frac{1}{3}(9a - 3b)$   
 $7a + 3b - 3a + b = 4a + 4b$

(12)  $-4\left(\frac{1}{4}x - \frac{1}{8}y + 2\right)$

(13)  $\frac{3x + 5y}{2} - \frac{4x - 3y}{3}$   
 $\frac{9x + 15y - 8x + 6y}{6}$   
 $= \frac{x + 21y}{6}$

(14)  $\frac{2}{5}(10x - 15y) + \frac{3}{4}(8x + 12y)$   
 $4x - 6y + 6x + 9y = 10x + 3y$

(15)  
 $(3x - 4y) \times (-2) + (-5x + 7y) \times 3$   
 $-6x + 8y - 15x + 21y$   
 $= -21x + 29y$

(16)  $\frac{1}{3}(9x + 12y) - \frac{1}{5}(10x - 5y)$   
 $3x + 4y - 2x + y = x + 5y$

(17)  $2\left(\frac{5x - 2y}{3}\right) - 3\left(\frac{4x + y}{5}\right)$   
 $\frac{10x - 4y}{3} - \frac{12x + 3y}{5}$   
 $= \frac{50x - 20y}{15} - \frac{36x + 9y}{15}$   
 $= \frac{50x - 20y - 36x - 9y}{15} = \frac{14x - 29y}{15}$

(18)  
 $\frac{3}{7}(14a + 21b) - \frac{4}{9}(18a - 27b)$   
 $6a + 9b - 8a + 12b$   
 $= -2a + 21b$

(1) $6x$	(2) $4y$	(3) $6a$
(4) $7y$	(5) $6y - 7$	(6) $12x$
(7) $2x$	(8) $5a + 3b$	(9) $3x - 2y$
(10) $5x + 9y$	(11) $4a + 4b$	(12) $-x + \frac{1}{2}y - 8$
(13) $\frac{x + 21y}{6}$	(14) $10x + 3$	(15) $-21x + 29y$
(16) $x + 5y$	(17) $\frac{14x - 29y}{15}$	(18) $-2a + 21b$