Nom : \_\_\_\_\_\_Corrigé\_\_\_\_\_\_\_\_



**Addition et soustraction en algèbre**

1. Réduis chacune des expressions algébriques suivantes.

|  |  |
| --- | --- |
| 1. x + 5y – 4xy + 9y – 3x

 -4xy – 2x + 14y  | 1. 15a – 6 – 12b – 3 + 3a – 2b

18a – 14b – 9  |
| 1. 4a – 3a – 11ab + 5b – 2ab

-13ab + a + 5b | 1. 5x2y3 – x2y3 + 4 x2y – xy

4x2y3 + 4 x2y – xy |
| 1. -5x + 4xy – 12y – 6xy + y

-2xy – 5x – 11y  | 1. -a + ab – a + 5ab – b

6ab – 2a – b  |
| 1. -ab + a – b + 4ab + 4a

3ab + 5a – b  | 1. 5xy + 5xy2 – 6 + 6xy2 – 1

11xy2 + 5xy – 7  |
| 1. 7xy + 5x2y – 4xy – x2y

4x2y + 3xy | 1. 9,1a3b – 6,3ab3 + 5ab – 15ab

9,1a3b – 6,3ab3 – 10ab |
| 1. 8a2 + 12 – 3a – 6 + 5a

8a2 +2a + 6 | 1. 5,5xy + 4,1xy2 – 5,5xy + 2,5xy2 + 6

6,6xy2 + 6 |
| 1. 7,1a – 3,4b – a – 3,2ab + 4,1a

-3,2ab + 10,2a – 3,4b  | 1. 12,1a3b + 8ab – 15a3b + 3,2ab + ab

-2,9a3b + 12,2ab  |
| 1. $\frac{3x}{4}$ + 6y + $\frac{4x}{8}$ + 5,5y – 1

$\frac{10x}{8}$ + 11,5y – 1 | 1. $\frac{2y}{3}$ + 5x – $\frac{x}{2}$ – 4 + $\frac{3y}{5}$

$\frac{9x}{15}$ + $\frac{19y}{2}$ – 4  |