

Combining Like Terms Color by Number

Directions: Simplify each expression by combining the like terms. Then, color the coefficient of the variable term or the constant according to the color indicated on the picture below.

Expression	Simplified expression	Color
1. $12r - 8 - 12$	_____	Yellow (coefficient)
2. $n - 17 + 9n + 4$	_____	Purple (constant)
3. $-8x + 11 + 12x$	_____	Green (coefficient)
4. $7r - 8r$	_____	Orange (coefficient)
5. $n + 2 - 7 - 5n$	_____	Blue (constant)
6. $7r + 5 + 8r - 5$	_____	Black (constant)
7. $-8 + 7(1 - 3m)$	_____	Maroon (coefficient)
8. $4n + 3(6 + 4n)$	_____	Yellow (coefficient)
9. $-2n - 3(3 - 10n)$	_____	Purple (constant)
10. $10 - 3(15n - 9)$	_____	Green (coefficient)
11. $9a + 2(6a - 5)$	_____	Orange (constant)
12. $-9(6m - 3) + 6(1 + 4m)$	_____	Blue (coefficient)
13. $-10(1 - 9x) + 6(x - 10)$	_____	Black (coefficient)
14. $4(-2n + 5) + 2(n + 3)$	_____	Maroon (constant)