

# 基本功专项训练(十) 合并同类项



1. 合并同类项:

$$(1) 15x + 4x - 10x;$$

.....

.....

$$(2) -a - 7a + 3a;$$

$$(3) 3abc + 5abc - abc;$$



$$(4) -m^2 - m^2 - m^2 ;$$

$$(5) 6x - 10x^2 + 12x^2 - 5x ;$$



$$(6) x^2 y - 3xy^2 + 2yx^2 - y^2 x;$$

$$(7) 3x - 2x^2 + 5 + 3x^2 - 2x - 5;$$

$$(8) a^3 + a^2b + ab^2 - a^2b - ab^2 - b^3 ;$$



$$(9) \frac{2}{3}a^2 - \frac{1}{2}ab + \frac{3}{4}a^2 + ab - b^2 .$$



$$(2) 5x^2y^2 + \frac{1}{4}xy - 2x^2y^2 - \frac{1}{6}xy - 3x^2y^2, \text{其中 } x = 1, y = -2.$$























































