

基本功专项训练(十三)

合并同类项与移项解一元一次方程

1. 合并同类项解方程：

$$(1) 9x - 5x = 8;$$

$$(2) 5x - 2x = -9;$$

$$(3) 4x - 6x - x = -15; \quad (4) \frac{1}{2}x + \frac{3}{2}x = 7;$$

$$(5) 3x + 0.5x = 10; \quad (6) 3x + 2x - 8x = 7;$$

$$(7) 6m - 1.5m - 2.5m = 3;$$

$$(8) 7x - 2.5x + 3x - 1.5x = -15 \times 4 - 6 \times 3;$$

$$(9) x - 7x + 5x = 2 - 6;$$

$$(10) 2x + 0.5x - 4.5x = -1 + 7.$$

2. 移项解方程：

$$(1) 5x - 3 = 2x;$$

$$(2) 2x - 3 = 3x + 4;$$

$$(3) 2x - 7 = 2 - x;$$

$$(4) x + 2 = 7 - 4x;$$

$$(5) 3x + 5 = -2x - 1;$$

$$(6) 9 - 3y = 5y + 5;$$

$$(7) 3x + 7 = 32 - 2x;$$

$$(8) 0.5x - 0.7 = 6.5 - 1.3x;$$

$$(9) 5x - 3x + 7 = 1 - 3x;$$

$$(10) 1 - \frac{7}{3}x = \frac{2}{3}x + 19.$$

















































