

The Distributive Property

Simplify each expression using the Distributive Prop.

① $6x - 2x$

② $3x + 9x - 10x$

③ $4w + 2y - w + 4y$

④ $3x - 2w - 10w + x$

⑤ $2(3x - 1)$

⑥ $3(x - y) + x$

⑦ $4(x - 2w) + 3w$

⑧ $-2(x + y) + 3(x + w)$

⑨ $12w + 2(w + 1)$

⑩ $20m - 3(4m - 5)$

Answers:

① $4x$

② $2x$

③ $3w + 6y$

④ $4x - 12w$

⑤ $6x - 2$

⑥ $4x - 3y$

⑦ $4x - 5w$

⑧ $x - 2y + 3w$

⑨ $14w + 2$

⑩ $8m + 15$