

Name :

Simplify an Algebraic Expression

① $2(3p + 4 + 6p) - 4$

② $8(2m - 4) - 2$

③ $15 + 4(5y - 10)$

④ $5y + 6 - y + 6 - 5y - 2y$

⑤ $15t - 9(t - 3)$

⑥ $7x + 8 + 9x - 2x - 9$

⑦ $9 + 14x - 8x$

⑧ $8 + 2x - 7 + 7x$

⑨ $-4p - (1 - 6p)$

⑩ $8(2 + 3y) + y$

⑪ $3g + 3 + 3g + 2g - 7 + 4$

⑫ $9v + 3(3v + 3) - 1$

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Simplify an Algebraic Expression

Answers

① $2(3p + 4 + 6p) - 4$

$18p + 4$

③ $15 + 4(5y - 10)$

$20y - 25$

⑤ $15t - 9(t - 3)$

$6t + 27$

⑦ $9 + 14x - 8x$

$6x + 9$

⑨ $-4p - (1 - 6p)$

$2p - 1$

⑪ $3g + 3 + 3g + 2g - 7 + 4$

$8g$

② $8(2m - 4) - 2$

$16m - 34$

④ $5y + 6 - y + 6 - 5y - 2y$

$-3y + 12$

⑥ $7x + 8 + 9x - 2x - 9$

$14x - 1$

⑧ $8 + 2x - 7 + 7x$

$9x + 1$

⑩ $8(2 + 3y) + y$

$25y + 16$

⑫ $9v + 3(3v + 3) - 1$

$18v + 8$