

NAME: _____

Grade: _____

Part A: Adding and subtracting

- 1 $3x + 8x$ _____
- 2 $2y + 3y - y$ _____
- 3 $13m + 2m + 6m$ _____
- 4 $6p + 4p - 3p$ _____
- 5 $10y - 11y + y$ _____
- 6 $-2k + 5k + 11k - 8k$ _____
- 7 $3 + 6p + 8 - 2p$ _____
- 8 $6y^3 + 6y + 3y^3 - 8y$ _____
- 9 $-2y - 3y - 4y + y$ _____
- 10 $4k^2 + 3 - 2k^2 - 11$ _____
- 11 $x^2 - 3x - x + 8$ _____
- 12 $p^2 - 3m + p^2 + 2m$ _____
- 13 $4d + 17 + 5d - 22$ _____
- 14 $x^2 + 3x - 3x^2 - 6x$ _____
- 15 $6x^2 + 8x - 3x^2 + 12x$ _____
- 16 $2m - 6 + 4m + 11 - m$ _____
- 17 $3ab + 7ba + 2b$ _____
- 18 $4mn + 6n - 3nm - 2n$ _____
- 19 $-7pq + 9ef - 3pq - 2ef$ _____
- 20 $2xy^3 + 3x^3y - 6xy^3 - 3x^3y$ _____
- 21 $16m^2y^2 - 3m^2y^2 - 12y^2m^2$ _____

Part B: Multiplying and dividing

- 1 $2 \times 3a$ _____
- 2 $4b \times 2b$ _____
- 3 $6x \times (-4y)$ _____
- 4 $3p \times (-2p) \times 5$ _____
- 5 $24x \div x$ _____
- 6 $16x^2 \div 8x$ _____
- 7 $15a^2b^2 \div 3ab$ _____
- 8 $24ab^2 \times 3b$ _____
- 9 $-4 \times 3d \times 2d$ _____