K8Worksheets

Multiplying Binomials

Multiply the following.

1. $x^2 + 2y\ ,\quad -x + 3y^2 \quad = \quad$ _____

2. $x - 2y,\quad -x^3 + 5y \quad = \quad$ _____

3. $5a^3 + 3b\ ,\quad -2a^2 + 3ab \quad = \quad$ _____

4. $-3\ a^3c^2 + 5b^2,\quad 2a^3b - 4b^3 \quad = \quad$ _____

5. $p^2 - 2q^2r\ ,\quad 2p^2 - 3r \quad = \quad$ _____

6. $3xyz + z\ ,\quad -6xy^2 + 5 \quad = \quad$ _____

7. $8uv + v^2w\ ,\quad -u + 2vw \quad = \quad$ _____

8. $4a^2 + 5y\ ,\quad -2ab + 3xy \quad = \quad$ _____

9. $y^3z + 4y^2\ ,\ 6y^3 - 2z^2 \quad = \quad$ _____

10. $2r^2s + 2s^3\ ,\ st - r \quad = \quad$ _____