

Exponent Review #2

Simplify. Your answer should contain only positive exponents.

1) $3uv^3 \cdot 3vu^4$

$9u^5v^4$

2) $4a^2 \cdot b^3$

$4a^2b^3$

3) $uvu^3 \cdot 2u^2$

$2u^6v$

4) $(-2x^3)^3$

$-8x^9$

5) $(3v^4)^3$

$27v^{12}$

6) $(3x^3)^4$

$81x^{12}$

7) $\frac{-4n^4}{-2n}$

$2n^3$

8) $\frac{4x}{-3x^4}$

$-\frac{4}{3x^3}$

9) $\frac{3n}{2n^2}$

$\frac{3}{2n}$