

Name:

Section 2.1b – Proficiency Check – Multiplication and Division of a Common BaseSimplify entirely, leave answers as a base to an exponent b^e

Emerging	Emerging	Proficient
$(-2)^3 \cdot (-2)^4 \cdot (-2)^2$	$3^3 \cdot 3^6 \cdot 3^2$	$2^3 \cdot -2^4 \cdot (-2)^3$

Proficient	Extending
$-2^4 \cdot 2^2 \cdot (-2)^3$	$-(-2)^4 \cdot 2^{-2} \cdot -2^4 \cdot (-2)^3$

Simplify Completely, leave answers as a base to an exponent b^e

Emerging	Proficient	Extending
$\frac{5^5}{5^2}$	$\frac{-2^5}{(-2)^3}$	$\frac{(-2)^3}{2^{-4}}$