

Name:

Proficiency Check – Section 1.2b – Irrational Numbers

Simplify the following statements

<u>Emerging</u>	<u>Proficient</u>	<u>Extending</u>
$\sqrt{44}$	$\sqrt{252}$	$\sqrt{42} \cdot \sqrt{165}$
$\sqrt[3]{24}$	$\sqrt[3]{135}$	$\sqrt[3]{42} \cdot \sqrt[3]{12} \cdot \sqrt[3]{15}$

Write the following as Entire Radicals

<u>Emerging</u>	<u>Proficient</u>	<u>Extending</u>
$2\sqrt{15}$	$4\sqrt[3]{12} \cdot \sqrt[3]{2}$	$-2\sqrt{34}$