

## Formative Assessment #33 – Mixed and Entire Radicals

AN2.1: I can identify the values of the variable for which a given radical expression is defined.

AN2.2: I can express an entire radical as a mixed radical.

AN2.3: I can express a mixed radical as an entire radical.

1. Convert the following from mixed radicals to entire radicals. *State restrictions on the variables.*

a)  $7x\sqrt[3]{2x^2}$

b)  $4k^4m^5\sqrt{5km}$

2. Convert the following from entire radicals to mixed radicals in simplest form. *State restrictions on the variables.*

a)  $\sqrt{98a^{14}b^9}$

b)  $\sqrt[3]{135x^{11}y^2z^6}$