

Pre-Calculus A 120

Formative Assessment #19 – Solving Exponential Equations with Unlike Bases

RF6.2: I can solve exponential equations with unlike bases.

1. Solve each exponential equation. *Round your answers to the nearest hundredth.*

a) $5^{x-3} = 9$

b) $4e^{3x-7} = 195$

c) $6^{2x+2} = 11^{5x-1}$