

Formative Assessment #23 – Rational Equations


I can determine the non-permissible values for the variable in a rational equation

ANG.1: I can determine the roots of a rational equation algebraically and identify any extraneous roots.

1. Solve for all possible solutions. (You do not have to verify your solutions.)

a) $\frac{7}{3x} + \frac{4}{6x^2} = \frac{5}{8x} - \frac{2}{3x^2}$

b) $\frac{3x}{x^2+5x+6} + \frac{2}{x^2+x-2} = \frac{5x}{x^2+2x-3}$

Code(s)	Learning Categories							
ANG.1	a)	EH	EL	AH	AL	NH	NL	
	b)	EH	EL	AH	AL	NH	NL	
Notes								