

Algebra I

Instructional and Assessment Guidance

The Algebra I ECA assesses Algebra I Indiana Academic Standards. The table below provides information about the ECA. Indicators marked with a ✓+ contain **critical** content and *may be assessed* on the ECA. Indicators marked with a ✓ contain **important** content and *may be assessed* on the ECA. Indicators marked with a ☐ contain **additional** content and *should be assessed in the classroom*.

Symbol	Content Priority	Possible Test Questions on ECA
✓+	Critical	Yes
✓	Important	Yes
☐	Additional	No

Standard 1 Operations With Real Numbers		Standard 2 Linear Equations & Inequalities		Standard 3 Relations & Functions		Standard 4 Graphing Linear Equations & Inequalities		Standard 5 Pairs of Linear Equations & Inequalities		Standard 6 Polynomials		Standard 7 Algebraic Fractions		Standard 8 Quadratic, Cubic, & Radical Equations	
A1.1.1	☐	A1.2.1	✓+	A1.3.1	✓	A1.4.1	✓+	A1.5.1	✓	A1.6.1	✓+	A1.7.1	☐	A1.8.1	✓
A1.1.2	✓	A1.2.2	✓	A1.3.2	✓	A1.4.2	✓+	A1.5.2	✓	A1.6.2	✓+	A1.7.2	✓	A1.8.2	✓+
A1.1.3	✓+	A1.2.3	☐	A1.3.3	✓	A1.4.3	✓+	A1.5.3	✓+	A1.6.3	✓+			A1.8.3	✓+
A1.1.4	✓	A1.2.4	✓+	A1.3.4	✓	A1.4.4	✓+	A1.5.4	✓+	A1.6.4	✓+			A1.8.4	☐
A1.1.5	☐	A1.2.5	✓			A1.4.5	✓+	A1.5.5	✓+	A1.6.5	✓			A1.8.5	☐
		A1.2.6	✓+			A1.4.6	✓	A1.5.6	✓+	A1.6.6	✓			A1.8.6	✓+
										A1.6.7	✓+			A1.8.7	✓+
										A1.6.8	✓			A1.8.8	☐
														A1.8.9	☐