

	F	G	H
1	PreCalculus Test Problem	Learning Targets	Recommended Association to Calc II
2	1	S, I, E, L	7.1b Integration by Parts
3	2	S, L	7.4b Integration of Rational Functions by Partial Fractions
4	3	S, E, L	7.5 Strategy of Integration
5	4	S, P	7.4a Integration of Rational Functions by Partial Fractions
6	5	S, E	7.7 Approximate Integration
7	6	QA	8.1 Arc Length
8	7	Q	8.2 Area of a Surface of Revolution
9	8	Q	8.3a Hydrostatic Pressure and Force
10	9	NA	11.6 The Ratio and Root Tests
11	10	N	8.3b Moments and Center of Mass
12	11	T	7.1a Integration by Parts
13	12	T	6.4a Work
14	13	T	6.4b Work
15	14	T	11.7 Strategy for Testing Series
16	15	T	7.3a Trigonometric Substitution
17	16	TU	7.3b Trigonometric Substitution
18	17	T, TD	11.8 Power Series
19	18	T	11.9 Representations of Functions as Power Series
20	19	T, TD	11.10 Taylor and Maclaurin Series
21	20	TD	7.2 Trigonometric Integrals
22	21	LF	Review of Limits to Infinity
23	22	LF	7.8a Improper Integrals
24	23	LC	7.8b Improper Integrals
25	24	LC	11.1 Sequences
26	25	LF	11.2 Series
27	26	TG	11.3 The Integral Test
28	27	TG	11.4 The Comparison Tests
29	28	GP	11.5 Alternating Series and Absolute Convergence
30	29	GE	11.11 Applications of Taylor Polynomials
31	30	GL	6.3 Volumes by Cylindrical Shells