

Test Name	cycles
Square1	61
ExactOverlap	217
LineOverlap	190
LineNonOverlap	111
SmolLinePointNonOverlap	53
SmolLinePointOverlap	213
PointOverlap	194
SquareSquareSideOverlap	235
SquareSquarePointOverlap	233
SquareSquarePointNonOverlap	124
PolyPointOverlap	314
PolyPointNonOverlap	104
PolyLineOverlap	332
PolyProjectiveNonOverlap	314
PolyProjectiveOverlap	433
ProceduralOverlap	2342
ProceduralNonOverlap	1740
ProceduralSectionOverlap	2400
ProceduralAwayNonOverlap	4186

**Table 1. Cycle measurements for the test cases.**

Test Name	flops
Square1	94
ExactOverlap	325
LineOverlap	245
LineNonOverlap	107
SmolLinePointNonOverlap	44
SmolLinePointOverlap	225
PointOverlap	205
SquareSquareSideOverlap	325
SquareSquarePointOverlap	325
SquareSquarePointNonOverlap	167
PolyPointOverlap	485
PolyPointNonOverlap	174
PolyLineOverlap	485
PolyProjectiveNonOverlap	440
PolyProjectiveOverlap	638
ProceduralOverlap	4165
ProceduralNonOverlap	3047
ProceduralSectionOverlap	4165
ProceduralAwayNonOverlap	7311

**Table 2. Flop measurements for the test cases.**

Test Name	performance
Square1	1,54
ExactOverlap	1,5
LineOverlap	1,29
LineNonOverlap	0,96
SmolLinePointNonOverlap	0,83
SmolLinePointOverlap	1,06
PointOverlap	1,06
SquareSquareSideOverlap	1,38
SquareSquarePointOverlap	1,39
SquareSquarePointNonOverlap	1,35
PolyPointOverlap	1,54
PolyPointNonOverlap	1,67
PolyLineOverlap	1,46
PolyProjectiveNonOverlap	1,4
PolyProjectiveOverlap	1,47
ProceduralOverlap	1,78
ProceduralNonOverlap	1,75
ProceduralSectionOverlap	1,74
ProceduralAwayNonOverlap	1,75

**Table 3. Performance calculations for the test cases.**