Iteration 0

\* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \*

------------------------------------------------------------

RAM Access Time 1024

RAM Latency(Mean): 2.9324

RAM Latency(Variance): 40.29921744

RAM Latency Overhead(Standard Deviation): 6.34816646285

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 2048

RAM Latency(Mean): 1.8064

RAM Latency(Variance): 8.99398684

RAM Latency Overhead(Standard Deviation): 2.99899763921

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 16384

RAM Latency(Mean): 45.0471

RAM Latency(Variance): 11867.7683677

RAM Latency Overhead(Standard Deviation): 108.939287531

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 32768

RAM Latency(Mean): 8.6124

RAM Latency(Variance): 130.70033904

RAM Latency Overhead(Standard Deviation): 11.4324248976

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 65536

RAM Latency(Mean): 13.9621

RAM Latency(Variance): 313.14054749

RAM Latency Overhead(Standard Deviation): 17.6957776741

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 131072

RAM Latency(Mean): 12.5788

RAM Latency(Variance): 119.14674816

RAM Latency Overhead(Standard Deviation): 10.9154362332

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 262144

RAM Latency(Mean): 19.9193

RAM Latency(Variance): 224.67085781

RAM Latency Overhead(Standard Deviation): 14.9890245783

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 524288

RAM Latency(Mean): 31.0179

RAM Latency(Variance): 559.29934749

RAM Latency Overhead(Standard Deviation): 23.6495105127

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 1048576

RAM Latency(Mean): 33.1908

RAM Latency(Variance): 144.75799596

RAM Latency Overhead(Standard Deviation): 12.0315417117

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 2097152

RAM Latency(Mean): 48.7038

RAM Latency(Variance): 22.67541236

RAM Latency Overhead(Standard Deviation): 4.76187067863

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 3145728

RAM Latency(Mean): 60.0191

RAM Latency(Variance): 13.91556829

RAM Latency Overhead(Standard Deviation): 3.73035766248

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 4194304

RAM Latency(Mean): 70.2313

RAM Latency(Variance): 82.33833321

RAM Latency Overhead(Standard Deviation): 9.07404723428

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 8388608

RAM Latency(Mean): 145.8624

RAM Latency(Variance): 11056.3500806

RAM Latency Overhead(Standard Deviation): 105.149180123

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 67108864

RAM Latency(Mean): 149.4338

RAM Latency(Variance): 1060.35028076

RAM Latency Overhead(Standard Deviation): 32.5630201419

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 134217728

RAM Latency(Mean): 152.7583

RAM Latency(Variance): 1060.64023781

RAM Latency Overhead(Standard Deviation): 32.567472082

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 268435456

RAM Latency(Mean): 146.5865

RAM Latency(Variance): 246.73867345

RAM Latency Overhead(Standard Deviation): 15.7079175402

------------------------------------------------------------

\* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \*

Iteration 1

\* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \*

------------------------------------------------------------

RAM Access Time 1024

RAM Latency(Mean): 1.84467440737e+15

RAM Latency(Variance): 3.06254130229e+31

RAM Latency Overhead(Standard Deviation): 5.53402322211e+15

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 2048

RAM Latency(Mean): 1.84467440737e+15

RAM Latency(Variance): 3.06254130229e+31

RAM Latency Overhead(Standard Deviation): 5.53402322211e+15

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 16384

RAM Latency(Mean): 1.1939

RAM Latency(Variance): 0.02938829

RAM Latency Overhead(Standard Deviation): 0.171430131541

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 32768

RAM Latency(Mean): 4.3303

RAM Latency(Variance): 8.83038261

RAM Latency Overhead(Standard Deviation): 2.97159597018

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 65536

RAM Latency(Mean): 7.226

RAM Latency(Variance): 64.692753

RAM Latency Overhead(Standard Deviation): 8.04318052763

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 131072

RAM Latency(Mean): 13.9017

RAM Latency(Variance): 235.40187681

RAM Latency Overhead(Standard Deviation): 15.3428118938

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 262144

RAM Latency(Mean): 22.6877

RAM Latency(Variance): 645.38225481

RAM Latency Overhead(Standard Deviation): 25.4043747179

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 524288

RAM Latency(Mean): 35.7715

RAM Latency(Variance): 931.46803585

RAM Latency Overhead(Standard Deviation): 30.5199612688

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 1048576

RAM Latency(Mean): 31.9048

RAM Latency(Variance): 99.35678336

RAM Latency Overhead(Standard Deviation): 9.96778728505

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 2097152

RAM Latency(Mean): 51.3094

RAM Latency(Variance): 226.44975024

RAM Latency Overhead(Standard Deviation): 15.0482474142

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 3145728

RAM Latency(Mean): 66.1807

RAM Latency(Variance): 758.67489021

RAM Latency Overhead(Standard Deviation): 27.5440536271

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 4194304

RAM Latency(Mean): 75.204

RAM Latency(Variance): 289.2354368

RAM Latency Overhead(Standard Deviation): 17.006923202

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 8388608

RAM Latency(Mean): 104.0696

RAM Latency(Variance): 447.38691384

RAM Latency Overhead(Standard Deviation): 21.151522731

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 67108864

RAM Latency(Mean): 153.6751

RAM Latency(Variance): 527.57097029

RAM Latency Overhead(Standard Deviation): 22.9689131282

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 134217728

RAM Latency(Mean): 153.8638

RAM Latency(Variance): 1658.70887856

RAM Latency Overhead(Standard Deviation): 40.7272498281

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 268435456

RAM Latency(Mean): 593.266

RAM Latency(Variance): 1545686.97443

RAM Latency Overhead(Standard Deviation): 1243.2566004

------------------------------------------------------------

\* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \*

Iteration 2

\* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \*

------------------------------------------------------------

RAM Access Time 1024

RAM Latency(Mean): 1.8864

RAM Latency(Variance): 6.81173384

RAM Latency Overhead(Standard Deviation): 2.60992985346

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 2048

RAM Latency(Mean): 1.0026

RAM Latency(Variance): 1.12128064

RAM Latency Overhead(Standard Deviation): 1.0589053971

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 16384

RAM Latency(Mean): 1.9094

RAM Latency(Variance): 0.16468844

RAM Latency Overhead(Standard Deviation): 0.405818235174

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 32768

RAM Latency(Mean): 6.1462

RAM Latency(Variance): 39.93898356

RAM Latency Overhead(Standard Deviation): 6.31972970625

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 65536

RAM Latency(Mean): 19.9216

RAM Latency(Variance): 710.45825404

RAM Latency Overhead(Standard Deviation): 26.6544227857

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 131072

RAM Latency(Mean): 50.4858

RAM Latency(Variance): 1984.82470416

RAM Latency Overhead(Standard Deviation): 44.5513715183

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 262144

RAM Latency(Mean): 1.84467440737e+15

RAM Latency(Variance): 3.06254130229e+31

RAM Latency Overhead(Standard Deviation): 5.53402322211e+15

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 524288

RAM Latency(Mean): 88.5858

RAM Latency(Variance): 7072.10286276

RAM Latency Overhead(Standard Deviation): 84.0957957496

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 1048576

RAM Latency(Mean): 64.2467

RAM Latency(Variance): 150.91300941

RAM Latency Overhead(Standard Deviation): 12.2846656206

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 2097152

RAM Latency(Mean): 80.4846

RAM Latency(Variance): 628.05513024

RAM Latency Overhead(Standard Deviation): 25.0610281162

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 3145728

RAM Latency(Mean): 80.5367

RAM Latency(Variance): 404.91408401

RAM Latency Overhead(Standard Deviation): 20.1224770843

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 4194304

RAM Latency(Mean): 82.8794

RAM Latency(Variance): 462.30847224

RAM Latency Overhead(Standard Deviation): 21.5013597765

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 8388608

RAM Latency(Mean): 93.8682

RAM Latency(Variance): 128.07585956

RAM Latency Overhead(Standard Deviation): 11.317060553

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 67108864

RAM Latency(Mean): 140.0047

RAM Latency(Variance): 166.38566221

RAM Latency Overhead(Standard Deviation): 12.8990566403

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 134217728

RAM Latency(Mean): 149.4515

RAM Latency(Variance): 350.42462785

RAM Latency Overhead(Standard Deviation): 18.7196321505

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 268435456

RAM Latency(Mean): 149.1997

RAM Latency(Variance): 388.92464661

RAM Latency Overhead(Standard Deviation): 19.7211725465

------------------------------------------------------------

\* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \*

Iteration 3

\* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \*

------------------------------------------------------------

RAM Access Time 1024

RAM Latency(Mean): 1.84467440737e+15

RAM Latency(Variance): 3.06254130229e+31

RAM Latency Overhead(Standard Deviation): 5.53402322211e+15

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 2048

RAM Latency(Mean): 1.84467440737e+15

RAM Latency(Variance): 3.06254130229e+31

RAM Latency Overhead(Standard Deviation): 5.53402322211e+15

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 16384

RAM Latency(Mean): 2.6878

RAM Latency(Variance): 8.55007096

RAM Latency Overhead(Standard Deviation): 2.92405043732

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 32768

RAM Latency(Mean): 4.2065

RAM Latency(Variance): 24.42295925

RAM Latency Overhead(Standard Deviation): 4.94195904981

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 65536

RAM Latency(Mean): 8.2121

RAM Latency(Variance): 43.12111549

RAM Latency Overhead(Standard Deviation): 6.56666700008

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 131072

RAM Latency(Mean): 1.84467440737e+15

RAM Latency(Variance): 3.06254130229e+31

RAM Latency Overhead(Standard Deviation): 5.53402322211e+15

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 262144

RAM Latency(Mean): 15.1841

RAM Latency(Variance): 97.47824769

RAM Latency Overhead(Standard Deviation): 9.87310729659

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 524288

RAM Latency(Mean): 30.124

RAM Latency(Variance): 322.8756084

RAM Latency Overhead(Standard Deviation): 17.9687397555

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 1048576

RAM Latency(Mean): 29.5122

RAM Latency(Variance): 65.36068476

RAM Latency Overhead(Standard Deviation): 8.08459552235

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 2097152

RAM Latency(Mean): 48.3391

RAM Latency(Variance): 21.06077369

RAM Latency Overhead(Standard Deviation): 4.58920185762

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 3145728

RAM Latency(Mean): 58.3903

RAM Latency(Variance): 12.76850381

RAM Latency Overhead(Standard Deviation): 3.57330432653

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 4194304

RAM Latency(Mean): 67.5094

RAM Latency(Variance): 10.04832104

RAM Latency Overhead(Standard Deviation): 3.16990868007

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 8388608

RAM Latency(Mean): 101.276

RAM Latency(Variance): 758.0164402

RAM Latency Overhead(Standard Deviation): 27.5320983617

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 67108864

RAM Latency(Mean): 147.8172

RAM Latency(Variance): 997.76853436

RAM Latency Overhead(Standard Deviation): 31.587474327

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 134217728

RAM Latency(Mean): 151.3905

RAM Latency(Variance): 1274.71421605

RAM Latency Overhead(Standard Deviation): 35.7031401427

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 268435456

RAM Latency(Mean): 157.274

RAM Latency(Variance): 1047.4005224

RAM Latency Overhead(Standard Deviation): 32.3635678256

------------------------------------------------------------

\* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \*

Iteration 4

\* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \*

------------------------------------------------------------

RAM Access Time 1024

RAM Latency(Mean): 1.84467440737e+15

RAM Latency(Variance): 3.06254130229e+31

RAM Latency Overhead(Standard Deviation): 5.53402322211e+15

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 2048

RAM Latency(Mean): 3.68934881474e+15

RAM Latency(Variance): 5.44451787074e+31

RAM Latency Overhead(Standard Deviation): 7.37869762948e+15

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 16384

RAM Latency(Mean): 4.1473

RAM Latency(Variance): 31.92761141

RAM Latency Overhead(Standard Deviation): 5.65045231906

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 32768

RAM Latency(Mean): 1.84467440737e+15

RAM Latency(Variance): 3.06254130229e+31

RAM Latency Overhead(Standard Deviation): 5.53402322211e+15

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 65536

RAM Latency(Mean): 10.0977

RAM Latency(Variance): 110.06135781

RAM Latency Overhead(Standard Deviation): 10.4910131927

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 131072

RAM Latency(Mean): 20.1938

RAM Latency(Variance): 539.46594616

RAM Latency Overhead(Standard Deviation): 23.2264062257

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 262144

RAM Latency(Mean): 15.5819

RAM Latency(Variance): 167.12174169

RAM Latency Overhead(Standard Deviation): 12.9275574526

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 524288

RAM Latency(Mean): 17.459

RAM Latency(Variance): 181.0664262

RAM Latency Overhead(Standard Deviation): 13.4560925309

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 1048576

RAM Latency(Mean): 35.0415

RAM Latency(Variance): 345.88767725

RAM Latency Overhead(Standard Deviation): 18.5980557384

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 2097152

RAM Latency(Mean): 51.7047

RAM Latency(Variance): 102.64978981

RAM Latency Overhead(Standard Deviation): 10.1316232564

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 3145728

RAM Latency(Mean): 59.4645

RAM Latency(Variance): 4.95429905

RAM Latency Overhead(Standard Deviation): 2.22582547609

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 4194304

RAM Latency(Mean): 70.8281

RAM Latency(Variance): 177.05263149

RAM Latency Overhead(Standard Deviation): 13.3061125612

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 8388608

RAM Latency(Mean): 108.0881

RAM Latency(Variance): 823.66254309

RAM Latency Overhead(Standard Deviation): 28.6995216526

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 67108864

RAM Latency(Mean): 147.403

RAM Latency(Variance): 2032.0575598

RAM Latency Overhead(Standard Deviation): 45.0783491246

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 134217728

RAM Latency(Mean): 150.4875

RAM Latency(Variance): 321.72322885

RAM Latency Overhead(Standard Deviation): 17.9366448605

------------------------------------------------------------

------------------------------------------------------------

RAM Access Time 268435456

RAM Latency(Mean): 149.8919

RAM Latency(Variance): 296.25210089

RAM Latency Overhead(Standard Deviation): 17.2119755081

------------------------------------------------------------

\* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \*