

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 3 Math

All Levels	(n=1455)
Math Raw Score	Math Scaled Score
0.1	909.7
0.2	933.3
0.3	963.7
0.3	976.8
0.4	986.0
0.4	996.2
0.5	1005.4
0.5	1012.1
0.6	1019.9
0.6	1027.1
0.7	1032.5
0.7	1043.6
0.8	1054.7
0.9	1058.8
0.9	1063.8
1.0	1072.2
1.1	1076.7
1.1	1080.9
1.2	1083.4
1.2	1084.3
1.2	1088.3
1.3	1092.2
1.3	1095.3
1.4	1099.0
1.5	1112.4

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 3 Math (Cont.)

All Levels	(n=1455)
Math Raw Score	Math Scaled Score
1.7	1121.6
1.7	1124.2
1.8	1127.3
1.8	1129.8
1.9	1132.9
1.9	1135.9
2.0	1138.3
2.0	1141.3
2.1	1144.2
2.1	1146.5
2.1	1149.4
2.2	1152.2
2.2	1152.8
2.2	1154.5
2.3	1157.3
2.3	1160.1
2.4	1162.4
2.4	1165.1
2.5	1167.9
2.5	1170.1
2.6	1172.8
2.6	1175.6
2.7	1177.7
2.7	1180.5
2.8	1183.2

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 3 Math (Cont.)

All Levels	(n=1455)
Math Raw Score	Math Scaled Score
2.8	1185.4
2.8	1188.1
2.9	1190.8
2.9	1193.0
3.0	1194.1
3.0	1195.7
3.0	1196.8
3.0	1198.5
3.1	1200.7
3.1	1203.5
3.2	1205.1
3.2	1206.2
3.2	1208.5
3.3	1211.3
3.3	1211.8
3.3	1213.5
3.4	1216.4
3.4	1219.2
3.4	1221.6
3.5	1222.1
3.5	1225.1
3.6	1228.0
3.6	1231.0
3.7	1234.0
3.7	1237.1

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 3 Math (Cont.)

All Levels	(n=1455)
Math Raw Score	Math Scaled Score
3.8	1240.2
3.8	1243.3
3.9	1246.5
3.9	1249.8
4.0	1253.1
4.0	1256.5
4.1	1259.9
4.1	1262.8
4.1	1263.5
4.1	1266.4
4.2	1267.1
4.2	1270.0
4.2	1270.8
4.2	1273.8
4.3	1274.6
4.3	1277.7
4.3	1278.5
4.3	1281.7
4.4	1282.5
4.4	1285.8
4.4	1286.7
4.4	1290.1
4.5	1291.0
4.5	1295.4
4.6	1300.0

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 3 Math (Cont.)

All Levels	(n=1455)
Math Raw Score	Math Scaled Score
4.6	1304.9
4.7	1309.9
4.7	1315.2
4.8	1320.7
4.8	1321.9
4.8	1326.6
4.8	1327.8
4.9	1332.8
4.9	1334.1
4.9	1339.4
4.9	1340.8
5.0	1346.6
5.0	1348.0
5.0	1354.3
5.0	1355.9
5.1	1364.5
5.1	1373.9
5.2	1384.6
5.2	1396.7
5.3	1410.9
5.3	1427.9
5.4	1449.6
5.4	1479.6
5.5	1528.8
5.5	1709.6

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 4 Math

All Levels	(n=1468)
Math Raw Score	Math Scaled Score
0.1	944.7
0.2	965.2
0.2	978.2
0.3	991.6
0.3	1003.0
0.4	1010.9
0.4	1019.8
0.5	1027.8
0.5	1033.6
0.6	1040.4
0.6	1046.6
0.7	1051.3
0.7	1061.0
0.9	1071.5
0.9	1078.5
1.0	1085.8
1.1	1089.7
1.1	1093.4
1.2	1099.8
1.3	1103.2
1.4	1109.1
1.4	1112.2
1.5	1117.7
1.5	1120.7
1.6	1123.0

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 4 Math (Cont.)

All Levels	(n=1468)
Math Raw Score	Math Scaled Score
1.6	1125.9
1.7	1130.9
1.8	1133.7
1.8	1136.4
1.9	1138.0
1.9	1138.5
2.0	1143.2
2.0	1145.8
2.1	1150.3
2.1	1152.8
2.2	1155.3
2.2	1155.8
2.2	1157.3
2.3	1159.7
2.4	1164.1
2.4	1166.5
2.5	1167.9
2.5	1168.9
2.5	1170.8
2.6	1173.2
2.6	1175.5
2.7	1177.4
2.7	1179.8
2.8	1182.2
2.8	1184.1

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 4 Math (Cont.)

All Levels	(n=1468)
Math Raw Score	Math Scaled Score
2.8	1184.5
2.8	1186.4
2.9	1186.9
2.9	1188.8
2.9	1189.3
2.9	1190.7
3.0	1193.1
3.0	1195.4
3.1	1197.4
3.1	1198.8
3.1	1199.8
3.2	1202.2
3.2	1203.6
3.2	1204.1
3.3	1206.1
3.3	1206.5
3.3	1207.0
3.3	1208.5
3.4	1211.0
3.4	1212.5
3.4	1213.5
3.4	1215.5
3.5	1216.0
3.5	1218.5
3.6	1221.1

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Grade 4 Math (Cont.)

All Levels	(n=1468)
Math Raw Score	Math Scaled Score
3.6	1223.7
3.7	1226.3
3.7	1229.0
3.8	1231.6
3.8	1234.4
3.9	1237.2
3.9	1240.0
4.0	1242.9
4.0	1245.8
4.1	1248.8
4.1	1251.3
4.1	1251.9
4.1	1254.4
4.2	1255.0
4.2	1257.6
4.2	1258.2
4.2	1260.9
4.3	1261.5
4.3	1264.2
4.3	1264.9
4.3	1267.7
4.4	1268.4
4.4	1271.3
4.4	1272.0
4.4	1275.0

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 4 Math (Cont.)

All Levels	(n=1468)
Math Raw Score	Math Scaled Score
4.5	1275.7
4.5	1279.6
4.6	1283.6
4.6	1287.8
4.7	1292.2
4.7	1296.7
4.8	1301.6
4.8	1302.6
4.8	1306.6
4.8	1307.7
4.9	1312.0
4.9	1313.2
4.9	1317.8
4.9	1319.0
5.0	1324.0
5.0	1325.3
5.0	1330.7
5.0	1332.1
5.1	1339.6
5.1	1347.8
5.2	1357.0
5.2	1367.5
5.3	1379.8
5.3	1394.7
5.4	1413.5

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 4 Math (Cont.)

All Levels	(n=1468)
Math Raw Score	Math Scaled Score
5.4	1439.5
5.5	1482.3
5.5	1639.2

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 5 Math

All Levels	(n=1438)
Math Raw Score	Math Scaled Score
0.1	902.6
0.2	942.3
0.3	958.2
0.3	971.6
0.4	981.1
0.4	991.6
0.5	1001.0
0.5	1008.0
0.6	1023.4
0.7	1035.4
0.9	1061.1
1.1	1077.0
1.1	1078.8
1.2	1082.2
1.3	1090.4
1.3	1096.6
1.4	1097.4
1.4	1101.1
1.4	1104.0
1.5	1107.6
1.5	1111.1
1.6	1111.8
1.6	1113.9
1.6	1115.3
1.6	1117.3

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 5 Math (Cont.)

All Levels	(n=1438)
Math Raw Score	Math Scaled Score
1.7	1120.6
1.7	1123.3
1.8	1126.5
1.9	1132.2
1.9	1135.3
2.0	1137.8
2.0	1140.8
2.1	1143.8
2.1	1146.2
2.1	1149.2
2.2	1149.8
2.2	1152.1
2.2	1154.5
2.3	1157.4
2.4	1162.5
2.4	1163.7
2.4	1165.4
2.5	1167.1
2.5	1168.2
2.5	1170.5
2.6	1172.7
2.6	1173.3
2.6	1173.9
2.6	1175.5
2.6	1176.1

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 5 Math (Cont.)

All Levels	(n=1438)
Math Raw Score	Math Scaled Score
2.7	1178.4
2.7	1181.2
2.7	1183.4
2.8	1184.0
2.8	1186.2
2.8	1186.8
2.8	1189.0
2.9	1191.8
2.9	1192.4
2.9	1193.5
2.9	1194.1
3.0	1195.2
3.0	1196.9
3.0	1199.7
3.1	1200.8
3.1	1202.0
3.1	1203.1
3.1	1203.7
3.1	1204.8
3.2	1206.5
3.2	1207.7
3.2	1209.4
3.2	1210.0
3.3	1212.3
3.3	1212.8

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Grade 5 Math (Cont.)

All Levels	(n=1438)
Math Raw Score	Math Scaled Score
3.3	1213.4
3.3	1215.2
3.3	1216.9
3.4	1218.1
3.4	1219.9
3.4	1221.0
3.4	1223.4
3.5	1224.0
3.5	1227.0
3.6	1230.1
3.6	1233.1
3.7	1236.2
3.7	1239.4
3.8	1242.6
3.8	1245.8
3.9	1249.1
3.9	1252.5
4.0	1255.9
4.0	1259.4
4.1	1262.9
4.1	1265.8
4.1	1266.6
4.1	1269.5
4.2	1270.3
4.2	1273.3

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Grade 5 Math (Cont.)

All Levels	(n=1438)
Math Raw Score	Math Scaled Score
4.2	1274.1
4.2	1277.2
4.3	1278.0
4.3	1281.2
4.3	1282.0
4.3	1285.3
4.4	1286.1
4.4	1289.5
4.4	1290.4
4.4	1293.9
4.5	1294.8
4.5	1299.4
4.6	1304.2
4.6	1309.1
4.7	1314.3
4.7	1319.7
4.8	1325.4
4.8	1326.6
4.8	1331.5
4.8	1332.7
4.9	1337.9
4.9	1339.2
4.9	1344.7

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 5 Math (Cont.)

All Levels	(n=1438)
Math Raw Score	Math Scaled Score
4.9	1346.1
5.0	1352.0
5.0	1353.6
5.0	1360.0
5.0	1361.6
5.1	1370.4
5.1	1380.2
5.2	1391.1
5.2	1403.6
5.3	1418.2
5.3	1435.7
5.4	1458.1
5.4	1488.9
5.5	1539.5
5.5	1725.4

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 6 Math

All Levels	(n=1695)
Math Raw Score	Math Scaled Score
0.2	943.0
0.3	958.1
0.4	979.8
0.4	989.8
0.5	1005.4
0.6	1013.0
0.6	1020.0
0.7	1031.4
0.7	1036.1
0.8	1046.9
0.9	1051.0
0.9	1055.8
1.0	1060.5
1.0	1064.1
1.1	1072.6
1.2	1075.8
1.3	1083.6
1.3	1086.6
1.4	1093.8
1.4	1096.5
1.5	1099.9
1.5	1103.3
1.6	1105.9
1.7	1110.4
1.8	1120.9

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 6 Math (Cont.)

All Levels	(n=1695)
Math Raw Score	Math Scaled Score
1.9	1123.3
1.9	1126.2
2.0	1128.6
2.0	1131.5
2.1	1134.3
2.1	1136.6
2.1	1139.4
2.2	1142.2
2.2	1144.4
2.3	1147.2
2.3	1149.9
2.4	1152.1
2.4	1153.7
2.4	1154.8
2.5	1157.5
2.5	1159.1
2.5	1159.6
2.6	1162.3
2.6	1165.0
2.7	1167.1
2.7	1169.7
2.8	1172.4
2.8	1174.5
2.8	1175.1
2.8	1177.2

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 6 Math (Cont.)

All Levels	(n=1695)
Math Raw Score	Math Scaled Score
2.9	1177.7
2.9	1179.9
2.9	1180.4
2.9	1182.0
3.0	1183.1
3.0	1184.7
3.0	1187.3
3.1	1189.5
3.1	1190.6
3.1	1191.1
3.1	1192.2
3.2	1193.8
3.2	1194.9
3.2	1196.5
3.2	1197.1
3.3	1199.3
3.3	1199.8
3.3	1202.0
3.3	1203.7
3.4	1204.8
3.4	1207.6
3.4	1209.9
3.5	1210.4
3.5	1213.3
3.6	1216.2

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 6 Math (Cont.)

All Levels	(n=1695)
Math Raw Score	Math Scaled Score
3.6	1219.1
3.7	1222.0
3.7	1225.0
3.8	1228.1
3.8	1231.1
3.9	1234.3
3.9	1237.4
4.0	1240.7
4.0	1244.0
4.1	1247.4
4.1	1250.1
4.1	1250.8
4.1	1253.6
4.2	1254.3
4.2	1257.2
4.2	1257.9
4.2	1260.9
4.3	1261.7
4.3	1264.7
4.3	1265.5
4.3	1268.6
4.4	1269.4
4.4	1272.6
4.4	1273.5
4.4	1276.8

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 6 Math (Cont.)

All Levels	(n=1695)
Math Raw Score	Math Scaled Score
4.5	1277.6
4.5	1282.0
4.6	1286.5
4.6	1291.2
4.7	1296.1
4.7	1301.3
4.8	1306.7
4.8	1307.8
4.8	1312.4
4.8	1313.6
4.9	1318.5
4.9	1319.7
4.9	1325.0
4.9	1326.3
5.0	1331.9
5.0	1333.4
5.0	1339.5
5.0	1341.0
5.1	1349.4
5.1	1358.7
5.2	1369.0
5.2	1380.9
5.3	1394.7
5.3	1411.4
5.4	1432.6

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 6 Math (Cont.)

All Levels	(n=1695)
Math Raw Score	Math Scaled Score
5.4	1461.8
5.5	1509.9
5.5	1686.4

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 7 Math

All Levels	(n=1718)
Math Raw Score	Math Scaled Score
0.2	894.7
0.3	918.5
0.3	928.5
0.4	948.3
0.4	953.2
0.4	964.6
0.5	974.8
0.5	982.3
0.6	999.0
0.7	1005.0
0.7	1012.0
0.7	1017.4
0.8	1023.7
0.8	1029.7
0.9	1039.9
1.1	1054.2
1.1	1058.9
1.2	1067.1
1.3	1071.5
1.3	1074.9
1.5	1093.9
1.6	1096.9
1.7	1107.0
1.8	1110.5
1.9	1116.7

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 7 Math (Cont.)

All Levels	(n=1718)
Math Raw Score	Math Scaled Score
1.9	1120.1
2.0	1122.7
2.0	1126.0
2.1	1131.9
2.1	1132.5
2.1	1135.1
2.2	1138.3
2.2	1140.8
2.3	1143.9
2.3	1147.0
2.4	1149.5
2.4	1152.6
2.5	1154.4
2.5	1155.7
2.5	1158.1
2.6	1160.5
2.6	1161.2
2.6	1164.2
2.7	1166.6
2.7	1169.7
2.7	1172.1
2.8	1172.7
2.8	1175.1
2.8	1175.7
2.8	1178.1

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 7 Math (Cont.)

All Levels	(n=1718)
Math Raw Score	Math Scaled Score
2.9	1178.7
2.9	1179.4
2.9	1181.2
2.9	1181.8
2.9	1183.6
3.0	1184.8
3.0	1186.7
3.0	1189.7
3.1	1192.2
3.1	1195.2
3.2	1197.1
3.2	1198.3
3.2	1200.2
3.2	1200.8
3.3	1203.3
3.3	1203.9
3.3	1204.6
3.3	1206.4
3.3	1208.3
3.4	1209.6
3.4	1211.5
3.4	1212.8
3.4	1215.4
3.5	1216.0
3.5	1219.3

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 7 Math (Cont.)

All Levels	(n=1718)
Math Raw Score	Math Scaled Score
3.6	1222.6
3.6	1225.9
3.7	1229.2
3.7	1232.6
3.8	1236.1
3.8	1239.6
3.9	1243.2
3.9	1246.8
4.0	1250.5
4.0	1254.3
4.1	1258.1
4.1	1261.2
4.1	1262.0
4.1	1265.2
4.2	1266.0
4.2	1269.3
4.2	1270.2
4.2	1273.5
4.3	1274.4
4.3	1277.9
4.3	1278.7
4.3	1282.3
4.4	1283.2
4.4	1286.9
4.4	1287.8

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 7 Math (Cont.)

All Levels	(n=1718)
Math Raw Score	Math Scaled Score
4.4	1291.6
4.5	1292.6
4.5	1297.6
4.6	1302.7
4.6	1308.1
4.7	1313.7
4.7	1319.5
4.8	1325.7
4.8	1327.0
4.8	1332.2
4.8	1333.6
4.9	1339.1
4.9	1340.6
4.9	1346.5
4.9	1348.1
5.0	1354.5
5.0	1356.1
5.0	1363.0
5.0	1364.9
5.1	1374.4
5.1	1384.9
5.2	1396.8
5.2	1410.2
5.3	1426.0
5.3	1445.0

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 7 Math (Cont.)

All Levels	(n=1718)
Math Raw Score	Math Scaled Score
5.4	1469.2
5.4	1502.5
5.5	1557.3
5.5	1758.4

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 8 Math

All Levels	(n=1664)
Math Raw Score	Math Scaled Score
0.2	862.8
0.2	880.7
0.3	915.1
0.4	926.2
0.4	938.5
0.5	945.3
0.5	949.6
0.5	957.7
0.6	967.1
0.6	975.7
0.7	989.9
0.9	1020.0
1.0	1026.9
1.1	1035.5
1.1	1040.7
1.2	1044.7
1.2	1048.6
1.2	1049.5
1.3	1054.2
1.3	1057.9
1.4	1062.4
1.4	1070.2
1.5	1074.4
1.6	1081.8
1.6	1085.8

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 8 Math (Cont.)

All Levels	(n=1664)
Math Raw Score	Math Scaled Score
1.7	1092.8
1.8	1096.5
1.9	1103.2
1.9	1104.0
2.0	1109.8
2.0	1113.3
2.1	1116.9
2.1	1119.7
2.1	1123.1
2.2	1126.6
2.2	1129.3
2.3	1132.7
2.3	1136.1
2.4	1138.8
2.4	1142.1
2.5	1145.4
2.5	1148.1
2.6	1151.4
2.6	1154.7
2.7	1157.3
2.7	1160.6
2.8	1163.9
2.8	1166.5
2.8	1169.8
2.9	1173.1

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 8 Math (Cont.)

All Levels	(n=1664)
Math Raw Score	Math Scaled Score
2.9	1173.7
2.9	1175.7
3.0	1179.0
3.0	1180.3
3.0	1182.3
3.1	1185.0
3.1	1188.3
3.2	1191.6
3.2	1194.3
3.3	1197.7
3.3	1198.4
3.3	1200.4
3.4	1203.9
3.4	1205.9
3.4	1207.3
3.4	1210.1
3.5	1210.8
3.5	1214.3
3.6	1217.9
3.6	1221.5
3.7	1225.1
3.7	1228.8
3.8	1232.5
3.8	1236.3
3.9	1240.2

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 8 Math (Cont.)

All Levels	(n=1664)
Math Raw Score	Math Scaled Score
3.9	1244.1
4.0	1248.1
4.0	1252.2
4.1	1256.4
4.1	1259.8
4.1	1260.6
4.1	1264.1
4.2	1265.0
4.2	1268.5
4.2	1269.4
4.2	1273.1
4.3	1274.0
4.3	1277.8
4.3	1278.7
4.3	1282.6
4.4	1283.6
4.4	1287.5
4.4	1288.6
4.4	1292.7
4.5	1293.7
4.5	1299.1
4.6	1304.7
4.6	1310.5
4.7	1316.5
4.7	1322.9

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 8 Math (Cont.)

All Levels	(n=1664)
Math Raw Score	Math Scaled Score
4.8	1329.6
4.8	1330.9
4.8	1336.6
4.8	1338.1
4.9	1344.1
4.9	1345.7
4.9	1352.1
4.9	1353.8
5.0	1360.7
5.0	1362.5
5.0	1370.0
5.0	1372.0
5.1	1382.3
5.1	1393.7
5.2	1406.5
5.2	1421.1
5.3	1438.2
5.3	1458.8
5.4	1484.9
5.4	1521.0
5.5	1580.4
5.5	1798.1

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 11 Math

All Levels	(n=1469)
Math Raw Score	Math Scaled Score
0.2	836.4
0.3	876.5
0.4	905.9
0.5	940.5
0.6	950.8
0.6	960.3
0.7	975.8
0.7	982.1
0.8	996.8
0.9	1002.2
0.9	1008.8
1.0	1015.1
1.1	1023.5
1.1	1031.5
1.2	1035.8
1.3	1050.4
1.4	1055.3
1.5	1068.5
1.6	1080.9
1.7	1085.2
1.7	1088.6
1.8	1096.0
1.8	1096.9
1.9	1100.1
1.9	1104.1

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 11 Math (Cont.)

All Levels	(n=1469)
Math Raw Score	Math Scaled Score
2.0	1107.3
2.0	1111.2
2.1	1115.0
2.1	1118.1
2.1	1121.9
2.2	1125.7
2.2	1128.7
2.3	1132.4
2.3	1136.1
2.4	1139.1
2.4	1142.7
2.5	1144.9
2.5	1146.4
2.5	1149.3
2.6	1152.9
2.6	1155.8
2.6	1156.5
2.7	1159.4
2.7	1163.0
2.8	1166.6
2.8	1169.5
2.8	1170.2
2.8	1173.1
2.9	1173.8
2.9	1174.5

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 11 Math (Cont.)

All Levels	(n=1469)
Math Raw Score	Math Scaled Score
2.9	1176.7
2.9	1177.4
2.9	1178.8
2.9	1179.6
3.0	1181.0
3.0	1183.2
3.0	1186.8
3.1	1188.3
3.1	1189.7
3.1	1191.2
3.1	1191.9
3.1	1193.4
3.2	1195.6
3.2	1197.0
3.2	1199.3
3.2	1200.0
3.3	1203.0
3.3	1203.7
3.3	1206.7
3.3	1208.9
3.4	1210.4
3.4	1212.7
3.4	1214.2
3.4	1217.3
3.5	1218.1

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 11 Math (Cont.)

All Levels	(n=1469)
Math Raw Score	Math Scaled Score
3.5	1221.9
3.6	1225.8
3.6	1229.8
3.7	1233.8
3.7	1237.8
3.8	1241.9
3.8	1246.1
3.9	1250.3
3.9	1254.6
4.0	1259.0
4.0	1263.5
4.1	1268.0
4.1	1271.8
4.1	1272.7
4.1	1276.5
4.2	1277.5
4.2	1281.4
4.2	1282.4
4.2	1286.4
4.3	1287.4
4.3	1291.5
4.3	1292.6
4.3	1296.8
4.4	1297.9
4.4	1302.2

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 11 Math (Cont.)

All Levels	(n=1469)
Math Raw Score	Math Scaled Score
4.4	1303.4
4.4	1307.9
4.5	1309.0
4.5	1314.9
4.6	1321.0
4.6	1327.4
4.7	1334.0
4.7	1341.0
4.8	1348.3
4.8	1349.9
4.8	1356.1
4.8	1357.7
4.9	1364.3
4.9	1366.0
4.9	1373.1
4.9	1374.9
5.0	1382.5
5.0	1384.5
5.0	1392.7
5.0	1394.8
5.1	1406.2
5.1	1418.7
5.2	1432.7
5.2	1448.8
5.3	1467.5

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 11 Math (Cont.)

All Levels	(n=1469)
Math Raw Score	Math Scaled Score
5.3	1490.1
5.4	1518.8
5.4	1558.3
5.5	1623.4
5.5	1862.3

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 3 Reading

All Levels	(n=1454)
Reading Raw Score	Reading Scaled Score
0.2	922.8
0.3	952.9
0.4	962.6
0.4	973.4
0.5	983.1
0.5	990.2
0.6	998.4
0.6	1004.6
0.7	1018.4
0.7	1023.5
0.8	1029.5
0.8	1035.2
0.9	1039.6
0.9	1044.8
1.0	1053.7
1.1	1062.9
1.2	1066.4
1.2	1069.8
1.2	1070.7
1.3	1074.8
1.4	1081.9
1.4	1088.8
1.5	1096.1
1.6	1102.4
1.7	1108.5

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 3 Reading (Cont.)

All Levels	(n=1454)
Reading Raw Score	Reading Scaled Score
1.8	1115.1
1.9	1117.7
1.9	1120.9
2.0	1126.5
2.1	1129.6
2.1	1135.1
2.2	1138.1
2.3	1146.5
2.4	1148.8
2.4	1151.7
2.5	1154.7
2.5	1157.0
2.6	1159.9
2.6	1162.8
2.7	1165.1
2.7	1167.9
2.8	1170.8
2.8	1173.1
2.8	1173.7
2.8	1176.0
2.9	1176.6
2.9	1178.9
2.9	1181.2
3.0	1184.1
3.0	1185.2

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 3 Reading (Cont.)

All Levels	(n=1454)
Reading Raw Score	Reading Scaled Score
3.0	1187.0
3.1	1189.3
3.1	1192.2
3.2	1194.0
3.2	1195.1
3.2	1196.9
3.2	1197.5
3.3	1200.5
3.3	1202.8
3.4	1205.8
3.4	1207.7
3.4	1208.9
3.4	1211.3
3.5	1211.9
3.5	1215.0
3.6	1218.1
3.6	1221.3
3.7	1224.5
3.7	1227.7
3.8	1231.0
3.8	1234.3
3.9	1237.7
3.9	1241.1
4.0	1244.6
4.0	1248.2

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 3 Reading (Cont.)

All Levels	(n=1454)
Reading Raw Score	Reading Scaled Score
4.1	1251.8
4.1	1254.8
4.1	1255.6
4.1	1258.6
4.2	1259.4
4.2	1262.5
4.2	1263.3
4.2	1266.5
4.3	1267.3
4.3	1270.6
4.3	1271.4
4.3	1274.8
4.4	1275.7
4.4	1279.2
4.4	1280.0
4.4	1283.7
4.5	1284.6
4.5	1289.3
4.6	1294.1
4.6	1299.2
4.7	1304.5
4.7	1310.1
4.8	1316.0
4.8	1317.2
4.8	1322.2

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 3 Reading (Cont.)

All Levels	(n=1454)
Reading Raw Score	Reading Scaled Score
4.8	1323.4
4.9	1328.7
4.9	1330.1
4.9	1335.7
4.9	1337.2
5.0	1343.3
5.0	1344.8
5.0	1351.4
5.0	1353.1
5.1	1362.2
5.1	1372.2
5.2	1383.4
5.2	1396.2
5.3	1411.1
5.3	1429.2
5.4	1452.1
5.4	1483.7
5.5	1535.7
5.5	1726.4

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 4 Reading

All Levels	(n=1468)
Reading Raw Score	Reading Scaled Score
0.2	943.0
0.3	970.5
0.4	999.9
0.5	1014.4
0.6	1021.4
0.7	1042.8
0.8	1052.9
0.9	1056.6
0.9	1061.1
1.0	1065.4
1.0	1068.8
1.1	1072.8
1.1	1076.6
1.2	1079.7
1.2	1083.3
1.3	1086.9
1.3	1089.6
1.4	1093.0
1.4	1098.9
1.5	1102.0
1.5	1105.1
1.6	1110.5
1.7	1111.7
1.7	1113.5
1.7	1114.6

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 4 Reading (Cont.)

All Levels	(n=1468)
Reading Raw Score	Reading Scaled Score
1.8	1118.6
1.9	1123.7
2.0	1128.6
2.0	1131.2
2.1	1133.9
2.1	1136.0
2.1	1138.6
2.2	1141.2
2.2	1141.7
2.2	1143.2
2.3	1145.8
2.3	1148.3
2.4	1150.3
2.4	1152.8
2.5	1155.3
2.6	1159.8
2.6	1162.3
2.7	1164.3
2.7	1166.7
2.7	1168.7
2.8	1169.2
2.8	1171.2
2.8	1171.7
2.8	1173.6
2.9	1174.1

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 4 Reading (Cont.)

All Levels	(n=1468)
Reading Raw Score	Reading Scaled Score
2.9	1176.1
2.9	1178.1
3.0	1180.6
3.0	1183.0
3.1	1184.0
3.1	1185.0
3.1	1186.0
3.1	1187.5
3.2	1189.0
3.2	1190.1
3.2	1191.6
3.2	1192.1
3.3	1194.6
3.3	1196.7
3.4	1199.2
3.4	1201.8
3.4	1203.9
3.5	1207.1
3.6	1209.8
3.6	1212.5
3.7	1215.2
3.7	1218.0
3.8	1220.8
3.8	1223.6
3.9	1226.5

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 4 Reading (Cont.)

All Levels	(n=1468)
Reading Raw Score	Reading Scaled Score
3.9	1229.5
4.0	1232.5
4.0	1235.5
4.1	1238.7
4.1	1241.2
4.1	1241.9
4.1	1244.5
4.2	1245.1
4.2	1247.8
4.2	1248.5
4.2	1251.2
4.3	1251.9
4.3	1254.7
4.3	1255.5
4.3	1258.4
4.4	1259.1
4.4	1262.1
4.4	1262.9
4.4	1266.0
4.5	1266.7
4.5	1270.8
4.6	1275.0
4.6	1279.3
4.7	1283.9
4.7	1288.6

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 4 Reading (Cont.)

All Levels	(n=1468)
Reading Raw Score	Reading Scaled Score
4.8	1293.7
4.8	1294.7
4.8	1299.0
4.8	1300.1
4.9	1304.6
4.9	1305.8
4.9	1310.6
4.9	1311.9
5.0	1317.1
5.0	1318.4
5.0	1324.0
5.0	1325.5
5.1	1333.3
5.1	1341.9
5.2	1351.5
5.2	1362.4
5.3	1375.3
5.3	1390.7
5.4	1410.4
5.4	1437.5
5.5	1482.1
5.5	1645.6

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 5 Reading

All Levels	(n=1437)
Reading Raw Score	Reading Scaled Score
0.1	912.2
0.3	977.6
0.4	986.5
0.4	996.5
0.5	1005.4
0.5	1012.0
0.7	1038.0
0.8	1048.2
0.9	1057.5
0.9	1062.3
1.0	1067.0
1.1	1074.9
1.1	1079.0
1.2	1082.3
1.2	1086.2
1.3	1090.0
1.3	1093.0
1.4	1096.6
1.5	1106.3
1.5	1109.7
1.6	1115.5
1.7	1118.6
1.8	1127.2
1.9	1129.6
1.9	1132.5

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 5 Reading (Cont.)

All Levels	(n=1437)
Reading Raw Score	Reading Scaled Score
2.0	1137.8
2.1	1142.9
2.1	1145.7
2.2	1148.5
2.3	1153.4
2.3	1156.1
2.4	1158.3
2.4	1161.0
2.5	1162.6
2.5	1163.7
2.5	1165.8
2.6	1168.5
2.6	1171.2
2.6	1172.2
2.7	1173.3
2.7	1175.9
2.7	1178.1
2.8	1178.6
2.8	1180.7
2.8	1181.3
2.8	1183.4
2.9	1183.9
2.9	1186.0
2.9	1186.6
2.9	1187.6

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 5 Reading (Cont.)

All Levels	(n=1437)
Reading Raw Score	Reading Scaled Score
2.9	1188.2
3.0	1189.2
3.0	1190.8
3.0	1191.9
3.0	1193.5
3.1	1195.6
3.1	1196.7
3.1	1198.3
3.2	1201.0
3.2	1202.7
3.2	1203.2
3.3	1206.0
3.3	1206.5
3.3	1208.2
3.3	1209.8
3.4	1210.9
3.4	1212.6
3.4	1213.7
3.4	1216.0
3.5	1216.5
3.5	1219.4
3.6	1222.3
3.6	1225.2
3.7	1228.1
3.7	1231.1

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 5 Reading (Cont.)

All Levels	(n=1437)
Reading Raw Score	Reading Scaled Score
3.8	1234.1
3.8	1237.2
3.9	1240.3
3.9	1243.5
4.0	1246.7
4.0	1250.0
4.1	1253.4
4.1	1256.1
4.1	1256.8
4.1	1259.6
4.2	1260.3
4.2	1263.2
4.2	1263.9
4.2	1266.9
4.3	1267.6
4.3	1270.7
4.3	1271.4
4.3	1274.6
4.4	1275.3
4.4	1278.6
4.4	1279.4
4.4	1282.7
4.5	1283.6
4.5	1287.9
4.6	1292.4

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 5 Reading (Cont.)

All Levels	(n=1437)
Reading Raw Score	Reading Scaled Score
4.6	1297.1
4.7	1302.0
4.7	1307.1
4.8	1312.5
4.8	1313.7
4.8	1318.2
4.8	1319.4
4.9	1324.3
4.9	1325.6
4.9	1330.8
4.9	1332.1
5.0	1337.7
5.0	1339.2
5.0	1345.2
5.0	1346.8
5.1	1355.2
5.1	1364.4
5.2	1374.7
5.2	1386.5
5.3	1400.3
5.3	1417.0
5.4	1438.1
5.4	1467.3
5.5	1515.2
5.5	1691.3

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 6 Reading

All Levels	(n=1695)
Reading Raw Score	Reading Scaled Score
0.2	939.0
0.3	954.0
0.3	966.6
0.4	975.5
0.4	985.4
0.5	994.3
0.5	1000.8
0.6	1008.3
0.6	1015.3
0.7	1020.5
0.7	1026.6
0.7	1031.3
0.8	1036.8
0.8	1037.9
0.9	1046.1
0.9	1050.9
1.0	1055.5
1.0	1059.0
1.1	1067.4
1.2	1070.7
1.2	1074.6
1.3	1081.3
1.4	1084.9
1.5	1094.6
1.5	1097.9

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 6 Reading (Cont.)

All Levels	(n=1695)
Reading Raw Score	Reading Scaled Score
1.6	1103.7
1.7	1109.3
1.8	1115.4
1.9	1117.7
2.0	1125.8
2.1	1128.7
2.1	1130.9
2.1	1133.7
2.2	1136.5
2.2	1138.7
2.3	1139.8
2.3	1141.4
2.4	1145.2
2.4	1146.3
2.4	1149.0
2.5	1153.2
2.5	1153.8
2.6	1156.4
2.6	1159.1
2.7	1161.2
2.7	1163.8
2.8	1166.4
2.8	1168.6
2.8	1169.1
2.8	1171.2

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 6 Reading (Cont.)

All Levels	(n=1695)
Reading Raw Score	Reading Scaled Score
2.9	1173.8
2.9	1175.9
3.0	1177.0
3.0	1178.6
3.0	1179.7
3.0	1181.3
3.1	1182.3
3.1	1183.4
3.1	1184.5
3.1	1186.1
3.2	1187.7
3.2	1188.8
3.2	1190.9
3.3	1193.6
3.3	1194.2
3.3	1195.8
3.4	1198.6
3.4	1200.2
3.4	1201.4
3.4	1203.6
3.5	1204.2
3.5	1207.0
3.6	1209.8
3.6	1212.7
3.7	1215.7

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 6 Reading (Cont.)

All Levels	(n=1695)
Reading Raw Score	Reading Scaled Score
3.7	1218.6
3.8	1221.6
3.8	1224.7
3.9	1227.8
3.9	1230.9
4.0	1234.1
4.0	1237.4
4.1	1240.8
4.1	1243.5
4.1	1244.2
4.1	1247.0
4.2	1247.7
4.2	1250.5
4.2	1251.3
4.2	1254.2
4.3	1254.9
4.3	1258.0
4.3	1258.7
4.3	1261.8
4.4	1262.6
4.4	1265.8
4.4	1266.6
4.4	1270.0
4.5	1270.8
4.5	1275.1

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 6 Reading (Cont.)

All Levels	(n=1695)
Reading Raw Score	Reading Scaled Score
4.6	1279.6
4.6	1284.2
4.7	1289.1
4.7	1294.2
4.8	1299.6
4.8	1300.7
4.8	1305.3
4.8	1306.4
4.9	1311.3
4.9	1312.5
4.9	1317.7
4.9	1319.1
5.0	1324.6
5.0	1326.1
5.0	1332.1
5.0	1333.7
5.1	1342.0
5.1	1351.1
5.2	1361.4
5.2	1373.2
5.3	1386.9
5.3	1403.4
5.4	1424.4
5.4	1453.4
5.5	1501.1
5.5	1676.1

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 7 Reading

All Levels	(n=1712)
Reading Raw Score	Reading Scaled Score
0.2	860.8
0.2	878.7
0.3	897.2
0.4	923.8
0.4	936.1
0.5	955.2
0.6	964.5
0.6	973.1
0.7	979.5
0.7	987.1
0.8	999.7
0.9	1017.1
1.0	1022.8
1.1	1037.6
1.2	1041.6
1.2	1042.5
1.3	1051.1
1.3	1054.7
1.4	1059.2
1.4	1063.6
1.5	1075.2
1.6	1082.4
1.7	1087.8
1.9	1099.8
1.9	1103.4

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 7 Reading (Cont.)

All Levels	(n=1712)
Reading Raw Score	Reading Scaled Score
2.0	1106.2
2.0	1109.8
2.1	1113.3
2.1	1119.5
2.2	1122.9
2.2	1125.7
2.3	1129.0
2.3	1132.4
2.4	1135.0
2.4	1138.4
2.5	1141.7
2.5	1144.3
2.6	1147.6
2.6	1150.9
2.7	1153.5
2.7	1156.7
2.8	1160.0
2.8	1162.6
2.8	1163.2
2.8	1165.9
2.9	1166.5
2.9	1169.1
2.9	1169.8
2.9	1171.1
2.9	1171.7

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 7 Reading (Cont.)

All Levels	(n=1712)
Reading Raw Score	Reading Scaled Score
3.0	1173.0
3.0	1175.0
3.0	1176.3
3.0	1178.3
3.1	1179.6
3.1	1180.9
3.1	1182.9
3.1	1184.3
3.2	1186.2
3.2	1187.6
3.2	1189.6
3.2	1190.3
3.3	1193.6
3.3	1196.3
3.4	1199.7
3.4	1201.8
3.4	1203.2
3.4	1205.9
3.5	1206.6
3.5	1210.1
3.6	1213.6
3.6	1217.2
3.7	1220.8
3.7	1224.5
3.8	1228.2

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 7 Reading (Cont.)

All Levels	(n=1712)
Reading Raw Score	Reading Scaled Score
3.8	1232.0
3.9	1235.8
3.9	1239.7
4.0	1243.7
4.0	1247.8
4.1	1251.9
4.1	1255.3
4.1	1256.1
4.1	1259.6
4.2	1260.4
4.2	1264.0
4.2	1264.9
4.2	1268.5
4.3	1269.4
4.3	1273.2
4.3	1274.1
4.3	1277.9
4.4	1278.9
4.4	1282.9
4.4	1283.9
4.4	1288.0
4.5	1289.0
4.5	1294.4
4.6	1299.9
4.6	1305.7

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 7 Reading (Cont.)

All Levels	(n=1712)
Reading Raw Score	Reading Scaled Score
4.7	1311.7
4.7	1318.0
4.8	1324.6
4.8	1326.0
4.8	1331.7
4.8	1333.1
4.9	1339.1
4.9	1340.6
4.9	1347.0
4.9	1348.7
5.0	1355.6
5.0	1357.4
5.0	1364.8
5.0	1366.8
5.1	1377.0
5.1	1388.4
5.2	1401.1
5.2	1415.6
5.3	1432.6
5.3	1453.0
5.4	1479.0
5.4	1514.9
5.5	1573.8
5.5	1790.2

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 8 Reading

All Levels	(n=1671)
Reading Raw Score	Reading Scaled Score
0.2	869.5
0.2	887.0
0.3	905.3
0.4	931.4
0.4	943.5
0.5	954.3
0.5	962.2
0.6	971.4
0.6	979.8
0.7	986.2
0.7	993.6
0.7	999.3
0.8	1002.0
0.9	1017.2
0.9	1023.0
1.0	1025.3
1.0	1028.6
1.0	1033.0
1.1	1038.2
1.1	1043.2
1.2	1047.1
1.2	1051.9
1.3	1056.5
1.3	1060.1
1.4	1064.5

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 8 Reading (Cont.)

All Levels	(n=1671)
Reading Raw Score	Reading Scaled Score
1.4	1068.7
1.4	1072.1
1.5	1076.2
1.5	1080.2
1.7	1094.1
1.8	1097.8
1.9	1104.3
1.9	1107.9
2.0	1110.7
2.0	1114.2
2.1	1120.4
2.1	1123.8
2.2	1127.1
2.2	1127.8
2.2	1129.8
2.3	1133.1
2.4	1139.0
2.4	1142.3
2.5	1144.2
2.5	1145.5
2.5	1148.1
2.6	1151.3
2.6	1153.9
2.6	1154.5
2.7	1157.1

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 8 Reading (Cont.)

All Levels	(n=1671)
Reading Raw Score	Reading Scaled Score
2.7	1160.3
2.8	1163.5
2.8	1166.1
2.8	1166.7
2.8	1169.3
2.9	1169.9
2.9	1172.5
2.9	1173.2
2.9	1175.1
3.0	1178.3
3.0	1179.6
3.0	1181.5
3.1	1182.8
3.1	1184.1
3.1	1186.1
3.1	1187.4
3.2	1189.3
3.2	1190.6
3.2	1192.6
3.2	1193.3
3.3	1195.9
3.3	1196.6
3.3	1199.2
3.4	1202.6
3.4	1204.6

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 8 Reading (Cont.)

All Levels	(n=1671)
Reading Raw Score	Reading Scaled Score
3.4	1206.0
3.4	1208.7
3.5	1209.4
3.5	1212.8
3.6	1216.3
3.6	1219.8
3.7	1223.3
3.7	1226.9
3.8	1230.6
3.8	1234.3
3.9	1238.1
3.9	1241.9
4.0	1245.8
4.0	1249.8
4.1	1253.9
4.1	1257.2
4.1	1258.0
4.1	1261.4
4.2	1262.3
4.2	1265.7
4.2	1266.6
4.2	1270.2
4.3	1271.1
4.3	1274.8
4.3	1275.7

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 8 Reading (Cont.)

All Levels	(n=1671)
Reading Raw Score	Reading Scaled Score
4.3	1279.5
4.4	1280.4
4.4	1284.3
4.4	1285.3
4.4	1289.3
4.5	1290.4
4.5	1295.6
4.6	1301.0
4.6	1306.7
4.7	1312.6
4.7	1318.8
4.8	1325.4
4.8	1326.7
4.8	1332.3
4.8	1333.7
4.9	1339.6
4.9	1341.1
4.9	1347.4
4.9	1349.0
5.0	1355.8
5.0	1357.5
5.0	1364.9
5.0	1366.8
5.1	1376.9
5.1	1388.0

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 8 Reading

All Levels	(n=1671)
Reading Raw Score	Reading Scaled Score
5.2	1400.5
5.2	1414.8
5.3	1431.4
5.3	1451.6
5.4	1477.1
5.4	1512.3
5.5	1570.3
5.5	1783.0

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 11 Reading

All Levels	(n=1474)
Reading Raw Score	Reading Scaled Score
0.2	868.9
0.4	931.2
0.4	943.3
0.5	954.2
0.5	962.2
0.6	979.9
0.7	999.4
0.8	1006.2
0.8	1012.6
0.9	1023.3
1.0	1029.0
1.1	1043.6
1.2	1047.6
1.2	1052.3
1.4	1065.0
1.4	1069.3
1.4	1072.7
1.5	1073.5
1.5	1079.2
1.6	1087.9
1.7	1091.8
1.7	1094.8
1.8	1098.5
1.9	1105.1
1.9	1107.9

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 11 Reading (Cont.)

All Levels	(n=1474)
Reading Raw Score	Reading Scaled Score
1.9	1108.7
2.0	1111.5
2.0	1115.0
2.1	1118.5
2.1	1121.2
2.1	1124.6
2.2	1128.0
2.2	1130.7
2.3	1134.0
2.3	1137.3
2.4	1140.0
2.4	1143.2
2.5	1145.2
2.5	1146.5
2.5	1149.1
2.6	1151.7
2.6	1152.3
2.6	1153.0
2.6	1154.9
2.6	1155.6
2.7	1158.2
2.7	1161.4
2.7	1164.0
2.8	1164.6
2.8	1167.2

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 11 Reading (Cont.)

All Levels	(n=1474)
Reading Raw Score	Reading Scaled Score
2.8	1167.8
2.8	1170.4
2.9	1171.1
2.9	1171.7
2.9	1173.6
2.9	1174.3
2.9	1175.6
2.9	1176.2
3.0	1177.5
3.0	1179.5
3.0	1180.8
3.0	1182.7
3.1	1184.0
3.1	1185.3
3.1	1187.3
3.1	1188.6
3.2	1190.6
3.2	1191.9
3.2	1193.9
3.2	1194.5
3.3	1197.2
3.3	1197.8
3.3	1198.5
3.3	1200.5
3.3	1202.5

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 11 Reading (Cont.)

All Levels	(n=1474)
Reading Raw Score	Reading Scaled Score
3.4	1203.9
3.4	1207.3
3.4	1210.0
3.5	1210.7
3.5	1214.2
3.6	1217.6
3.6	1221.2
3.7	1224.8
3.7	1228.4
3.8	1232.1
3.8	1235.8
3.9	1239.6
3.9	1243.4
4.0	1247.4
4.0	1251.4
4.1	1255.4
4.1	1258.8
4.1	1259.6
4.1	1263.0
4.2	1263.9
4.2	1267.4
4.2	1268.3
4.2	1271.9
4.3	1272.8
4.3	1276.5

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 11 Reading (Cont.)

All Levels	(n=1474)
Reading Raw Score	Reading Scaled Score
4.3	1277.4
4.3	1281.2
4.4	1282.1
4.4	1286.1
4.4	1287.1
4.4	1291.1
4.5	1292.1
4.5	1297.4
4.6	1302.9
4.6	1308.6
4.7	1314.5
4.7	1320.8
4.8	1327.3
4.8	1328.7
4.8	1334.3
4.8	1335.7
4.9	1341.6
4.9	1343.2
4.9	1349.5
4.9	1351.1
5.0	1357.9
5.0	1359.7
5.0	1367.1
5.0	1369.0
5.1	1379.1

Appendix I: Conversion of Raw Scores to Scaled Scores

Grade 11 Reading (Cont.)

All Levels	(n=1474)
Reading Raw Score	Reading Scaled Score
5.1	1390.3
5.2	1402.9
5.2	1417.3
5.3	1434.0
5.3	1454.2
5.4	1479.9
5.4	1515.3
5.5	1573.6
5.5	1787.5