



# ACER

## Abstract Reasoning Test

# Report

# ABSTRACT REASONING TEST

## RESULTS and INTERPRETATION

### 1 RESULTS LISTINGS

Two lists of results are supplied. One list shows candidates' names in order of merit according to their ART Scaled score. The other list shows candidates' names in alphabetical order. Both lists show the date of birth and gender as reported by each student.

### 2 SCORES

The results display the number of questions attempted, the raw score and the ART scaled score for each student. The final two columns contain the percentile ranking and stanine of each student compared to all other students who sat this test.

#### 2.1 Raw Score

The maximum possible raw score is 40.

#### 2.2 Scaled Scores

Scaled scores from students at your school range from 60 to 192.

#### 2.3 Percentile Rank

The maximum percentile is 100.

#### 2.4 Stanine

The maximum stanine is 9.

### 3 SUMMARY

The final page of the reports provides a summary of student performance. The average and standard deviation of raw scores and ART scaled scores are displayed for all students from your school as well as according to gender.

A chart is presented below the summary. The chart shows the distribution of Scaled Scores from the students at your school.

## 4 INTERPRETING THE RESULTS.

The ART scaled scores are designed to allow comparisons of performance from students who sat different tests.

Percentiles and stanines provide a way of understanding how a student has performed relative to the other students who sat these tests.

### 4.1 Scaled Scores.

The raw scores were converted to scaled score to allow students to be compared against a nationwide reference group.

### 4.2 Percentiles.

A percentile ranking indicates the percent of students who obtained this ranking or less. This provides a precise picture of a candidate's standing relative to other students who sat the test nationwide. If a student receives a percentile rank of 90 then 90% of the scores would be lower than that score and 10% of the scores would be higher. That score is at the 90th percentile.

### 4.3 Stanines.

Stanines, like percentiles provide comparisons for each student against other students nationwide. As for percentiles, scaled scores are normalised for all students, but instead of ranging from 0 to 100, they are placed into 9 groups. A comparison of stanines and percentile rankings are summarised in table 1.

Apparent differences in performance can be exaggerated when examining the percentile rankings of students. There is little difference between a student who obtained a Percentile Rank of 48 and one with a Percentile Rank of 54; they both achieved average levels of performance. On the other hand, there are marked differences in performance between students with more than one stanine difference in their scores.

**Table 1: Stanines and Percentile Rankings**

<b>Stanine</b>	<b>Percentile Rank</b>	<b>Description</b>
9	96-100	Very High
8	89-95	High
7	77-88	Above average
6	60-76	High average
5	40-59	Average
4	23-39	Low average
3	11-22	Below average
2	4-10	Low
1	0-3	Very low

## 5 FURTHER INFORMATION

If further clarification is required, please contact ACER as soon as possible, as answer sheets and test booklets are only retained for a limited time.

## Sample School

# Abstract Reasoning Test

Alphabetical Listing

Date: 15 September 2011

Alphabetical Listing

ID	Name	Date of Birth	Sex	Questions Attempted (Max 40)	Questions Answered Correctly (Raw Score)	ART Scaled Score	Percentile	Stanine
001001	Sample Student, A	09-05-97	M	40	37	145	98.00	9
001027	Sample Student, Aa	20-05-97	F	38	21	93	39.00	4
001028	Sample Student, Ab	06-09-97	F	40	23	97	49.00	5
001029	Sample Student, Ac	16-06-97	F	40	26	104	64.00	6
001030	Sample Student, Ad	20-04-97	F	40	12	71	6.00	2
001031	Sample Student, Ae	29-07-97	F	40	16	81	18.00	3
001032	Sample Student, Af	19-09-96	F	39	28	109	73.00	6
001033	Sample Student, Ag	02-04-97	M	39	31	118	85.00	7
001034	Sample Student, Ah	01-05-96	M	39	19	88	31.00	4
001035	Sample Student, Ai	27-03-97	M	39	26	104	64.00	6
001036	Sample Student, Aj	29-09-97	M	40	13	74	8.00	2
001037	Sample Student, Ak	18-08-97	M	40	23	97	49.00	5
001038	Sample Student, Al	21-02-97	M	40	24	99	54.00	5
001039	Sample Student, Am	05-06-97	F	40	37	145	98.00	9
001040	Sample Student, An	06-09-97	F	28	16	81	18.00	3
001041	Sample Student, Ao	12-09-97	F	40	28	109	73.00	6
001042	Sample Student, Ap	15-06-97	M	40	31	118	85.00	7
001043	Sample Student, Aq	09-07-97	M	40	32	121	88.00	7
001044	Sample Student, Ar	14-04-97	M	39	14	77	11.00	3
001045	Sample Student, As	19-04-97	F	40	21	93	39.00	4
001046	Sample Student, At	27-08-97	F	35	30	115	81.00	7
001047	Sample Student, Au	26-05-10	M	40	17	83	22.00	3
001048	Sample Student, Av	09-04-97	F	40	32	121	88.00	7
001049	Sample Student, Aw	24-03-97	M	40	30	115	81.00	7
001050	Sample Student, Ax	21-08-97	F	40	36	139	97.00	9
001051	Sample Student, Ay	13-07-97	F	40	32	121	88.00	7
001052	Sample Student, Az	30-03-97	F	40	24	99	54.00	5
001002	Sample Student, B	08-11-97	F	40	19	88	31.00	4
001053	Sample Student, Ba	26-03-97	M	40	25	102	58.00	5
001054	Sample Student, Bb	07-06-97	M	40	29	112	78.00	7
001055	Sample Student, Bc	26-07-97	F	40	27	107	68.00	6
001056	Sample Student, Bd	03-02-97	M	40	16	81	18.00	3
001057	Sample Student, Be	03-04-97	M	37	24	99	54.00	5
001058	Sample Student, Bf	06-05-97	M	40	19	88	31.00	4
001059	Sample Student, Bg	10-04-97	M	40	12	71	6.00	2
001060	Sample Student, Bh	11-03-97	F	40	15	79	14.00	3
001061	Sample Student, Bi	28-05-97	M	40	23	97	49.00	5

Alphabetical Listing

ID	Name	Date of Birth	Sex	Questions Attempted (Max 40)	Questions Answered Correctly (Raw Score)	ART Scaled Score	Percentile	Stanine
001062	Sample Student, Bj	18-01-97	F	40	30	115	81.00	7
001063	Sample Student, Bk	01-01-97	M	40	21	93	39.00	4
001064	Sample Student, Bl	19-09-97	F	40	19	88	31.00	4
001065	Sample Student, Bm	21-01-97	M	40	11	69	5.00	2
001066	Sample Student, Bn	09-06-96	M	40	26	104	64.00	6
001067	Sample Student, Bo	14-02-97	M	40	19	88	31.00	4
001068	Sample Student, Bp	10-09-96	M	40	25	102	58.00	5
001069	Sample Student, Bq	11-12-97	F	40	18	86	26.00	4
001070	Sample Student, Br	10-11-97	F	40	13	74	8.00	2
001071	Sample Student, Bs	18-10-97	F	40	28	109	73.00	6
001072	Sample Student, Bt	09-12-97	M	40	31	118	85.00	7
001073	Sample Student, Bu	04-12-96	F	39	21	93	39.00	4
001074	Sample Student, Bv	28-09-97	F	40	24	99	54.00	5
001075	Sample Student, Bw	14-03-97	M	40	31	118	85.00	7
001076	Sample Student, Bx	07-05-97	F	40	22	95	44.00	5
001077	Sample Student, By	26-04-97	M	40	31	118	85.00	7
001078	Sample Student, Bz	26-05-97	F	40	22	95	44.00	5
001003	Sample Student, C	20-07-96	F	40	23	97	49.00	5
001079	Sample Student, Ca	04-06-97	F	40	29	112	78.00	7
001080	Sample Student, Cb	30-05-97	M	40	32	121	88.00	7
001081	Sample Student, Cc	17-07-97	F	38	20	90	35.00	4
001082	Sample Student, Cd	09-10-97	F	40	17	83	22.00	3
001083	Sample Student, Ce	19-05-97	F	40	34	129	94.00	8
001084	Sample Student, Cf	07-10-97	F	40	17	83	22.00	3
001085	Sample Student, Cg	24-01-97	F	40	27	107	68.00	6
001086	Sample Student, Ch	30-06-96	M	37	28	109	73.00	6
001087	Sample Student, Ci	10-08-97	M	40	19	88	31.00	4
001088	Sample Student, Cj	08-03-97	M	39	11	69	5.00	2
001089	Sample Student, Ck	01-01-97	M	40	26	104	64.00	6
001090	Sample Student, Cl	26-07-97	M	40	19	88	31.00	4
001091	Sample Student, Cm	20-04-97	F	40	25	102	58.00	5
001092	Sample Student, Cn	18-06-97	F	40	18	86	26.00	4
001093	Sample Student, Co	13-12-97	F	40	13	74	8.00	2
001094	Sample Student, Cp	04-01-97	M	40	28	109	73.00	6
001095	Sample Student, Cq	08-07-97	M	40	31	118	85.00	7
001096	Sample Student, Cr	23-02-97	M	40	21	93	39.00	4
001097	Sample Student, Cs	07-01-97	M	40	18	86	26.00	4

Alphabetical Listing

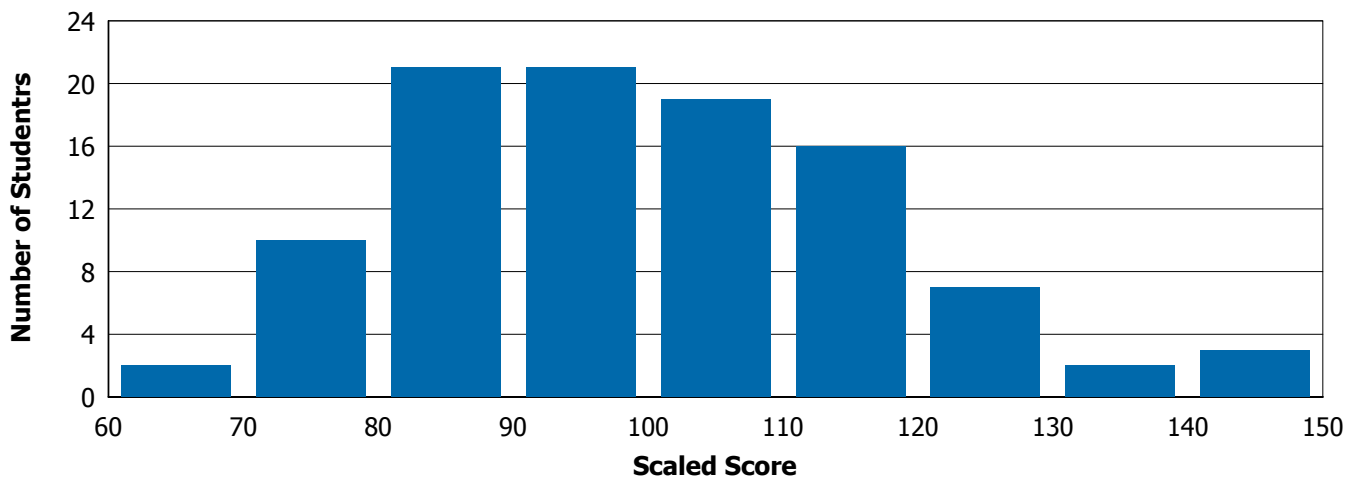
ID	Name	Date of Birth	Sex	Questions Attempted (Max 40)	Questions Answered Correctly (Raw Score)	ART Scaled Score	Percentile	Stanine
001098	Sample Student, Ct	14-04-97	M	40	24	99	54.00	5
001099	Sample Student, Cu	19-12-96	M	40	37	145	98.00	9
001100	Sample Student, Cv	06-11-97	M	40	17	83	22.00	3
001101	Sample Student, Cw	03-07-97	M	38	19	88	31.00	4
001004	Sample Student, D	19-02-97	F	40	16	81	18.00	3
001005	Sample Student, E	13-06-97	F	40	26	104	64.00	6
001006	Sample Student, F	11-12-96	F	40	22	95	44.00	5
001007	Sample Student, G	10-05-97	F	40	31	118	85.00	7
001008	Sample Student, H	04-01-97	M	40	29	112	78.00	7
001009	Sample Student, I	07-05-97	M	40	30	115	81.00	7
001010	Sample Student, J	28-10-97	F	35	15	79	14.00	3
001011	Sample Student, K	07-10-97	M	40	33	125	91.00	8
001012	Sample Student, L	24-10-97	F	40	30	115	81.00	7
001013	Sample Student, M	15-07-97	M	40	30	115	81.00	7
001014	Sample Student, N	06-12-92	M	40	14	77	11.00	3
001015	Sample Student, O	06-12-92	M	40	34	129	94.00	8
001016	Sample Student, P	07-01-97	M	40	25	102	58.00	5
001017	Sample Student, Q	09-05-97	F	40	28	109	73.00	6
001018	Sample Student, R	20-09-97	F	40	24	99	54.00	5
001019	Sample Student, S	01-02-10	F	40	35	133	96.00	9
001020	Sample Student, T	07-07-97	F	40	18	86	26.00	4
001021	Sample Student, U	23-10-97	F	40	27	107	68.00	6
001022	Sample Student, V	09-09-97	F	39	23	97	49.00	5
001023	Sample Student, W	26-09-97	F	40	26	104	64.00	6
001024	Sample Student, X	04-10-97	M	39	23	97	49.00	5
001025	Sample Student, Y	19-06-97	M	40	15	79	14.00	3
001026	Sample Student, Z	03-05-97	M	40	17	83	22.00	3



Alphabetical Listing

Summary Group	Number of Students	Raw Score		ART Scaled Score	
		Average	St Dev	Average	St Dev
All	101	23.8	6.7	100.3	17.6
Male	51	23.9	7.0	100.6	18.4
Female	50	23.7	6.4	99.9	16.9

**Distribution of Scaled Scores**



## Sample School

# Abstract Reasoning Test

Merit Order Listing

Date: 15 September 2011

### Merit Order Listing

ID	Name	Date of Birth	Sex	Questions Attempted (Max 40)	Questions Answered Correctly (Raw Score)	ART Scaled Score	Percentile	Stanine
001039	Sample Student, Am	05-06-97	F	40	37	145	98.00	9
001001	Sample Student, A	09-05-97	M	40	37	145	98.00	9
001099	Sample Student, Cu	19-12-96	M	40	37	145	98.00	9
001050	Sample Student, Ax	21-08-97	F	40	36	139	97.00	9
001019	Sample Student, S	01-02-10	F	40	35	133	96.00	9
001015	Sample Student, O	06-12-92	M	40	34	129	94.00	8
001083	Sample Student, Ce	19-05-97	F	40	34	129	94.00	8
001011	Sample Student, K	07-10-97	M	40	33	125	91.00	8
001043	Sample Student, Aq	09-07-97	M	40	32	121	88.00	7
001048	Sample Student, Av	09-04-97	F	40	32	121	88.00	7
001080	Sample Student, Cb	30-05-97	M	40	32	121	88.00	7
001051	Sample Student, Ay	13-07-97	F	40	32	121	88.00	7
001033	Sample Student, Ag	02-04-97	M	39	31	118	85.00	7
001042	Sample Student, Ap	15-06-97	M	40	31	118	85.00	7
001007	Sample Student, G	10-05-97	F	40	31	118	85.00	7
001075	Sample Student, Bw	14-03-97	M	40	31	118	85.00	7
001095	Sample Student, Cq	08-07-97	M	40	31	118	85.00	7
001077	Sample Student, By	26-04-97	M	40	31	118	85.00	7
001072	Sample Student, Bt	09-12-97	M	40	31	118	85.00	7
001046	Sample Student, At	27-08-97	F	35	30	115	81.00	7
001049	Sample Student, Aw	24-03-97	M	40	30	115	81.00	7
001009	Sample Student, I	07-05-97	M	40	30	115	81.00	7
001013	Sample Student, M	15-07-97	M	40	30	115	81.00	7
001012	Sample Student, L	24-10-97	F	40	30	115	81.00	7
001062	Sample Student, Bj	18-01-97	F	40	30	115	81.00	7
001008	Sample Student, H	04-01-97	M	40	29	112	78.00	7
001079	Sample Student, Ca	04-06-97	F	40	29	112	78.00	7
001054	Sample Student, Bb	07-06-97	M	40	29	112	78.00	7
001032	Sample Student, Af	19-09-96	F	39	28	109	73.00	6
001041	Sample Student, Ao	12-09-97	F	40	28	109	73.00	6
001017	Sample Student, Q	09-05-97	F	40	28	109	73.00	6
001086	Sample Student, Ch	30-06-96	M	37	28	109	73.00	6
001094	Sample Student, Cp	04-01-97	M	40	28	109	73.00	6
001071	Sample Student, Bs	18-10-97	F	40	28	109	73.00	6
001021	Sample Student, U	23-10-97	F	40	27	107	68.00	6
001085	Sample Student, Cg	24-01-97	F	40	27	107	68.00	6
001055	Sample Student, Bc	26-07-97	F	40	27	107	68.00	6

### Merit Order Listing

ID	Name	Date of Birth	Sex	Questions Attempted (Max 40)	Questions Answered Correctly (Raw Score)	ART Scaled Score	Percentile	Stanine
001029	Sample Student, Ac	16-06-97	F	40	26	104	64.00	6
001035	Sample Student, Ai	27-03-97	M	39	26	104	64.00	6
001005	Sample Student, E	13-06-97	F	40	26	104	64.00	6
001023	Sample Student, W	26-09-97	F	40	26	104	64.00	6
001089	Sample Student, Ck	01-01-97	M	40	26	104	64.00	6
001066	Sample Student, Bn	09-06-96	M	40	26	104	64.00	6
001016	Sample Student, P	07-01-97	M	40	25	102	58.00	5
001091	Sample Student, Cm	20-04-97	F	40	25	102	58.00	5
001053	Sample Student, Ba	26-03-97	M	40	25	102	58.00	5
001068	Sample Student, Bp	10-09-96	M	40	25	102	58.00	5
001038	Sample Student, Al	21-02-97	M	40	24	99	54.00	5
001052	Sample Student, Az	30-03-97	F	40	24	99	54.00	5
001018	Sample Student, R	20-09-97	F	40	24	99	54.00	5
001098	Sample Student, Ct	14-04-97	M	40	24	99	54.00	5
001057	Sample Student, Be	03-04-97	M	37	24	99	54.00	5
001074	Sample Student, Bv	28-09-97	F	40	24	99	54.00	5
001028	Sample Student, Ab	06-09-97	F	40	23	97	49.00	5
001037	Sample Student, Ak	18-08-97	M	40	23	97	49.00	5
001003	Sample Student, C	20-07-96	F	40	23	97	49.00	5
001022	Sample Student, V	09-09-97	F	39	23	97	49.00	5
001024	Sample Student, X	04-10-97	M	39	23	97	49.00	5
001061	Sample Student, Bi	28-05-97	M	40	23	97	49.00	5
001006	Sample Student, F	11-12-96	F	40	22	95	44.00	5
001078	Sample Student, Bz	26-05-97	F	40	22	95	44.00	5
001076	Sample Student, Bx	07-05-97	F	40	22	95	44.00	5
001045	Sample Student, As	19-04-97	F	40	21	93	39.00	4
001027	Sample Student, Aa	20-05-97	F	38	21	93	39.00	4
001096	Sample Student, Cr	23-02-97	M	40	21	93	39.00	4
001063	Sample Student, Bk	01-01-97	M	40	21	93	39.00	4
001073	Sample Student, Bu	04-12-96	F	39	21	93	39.00	4
001081	Sample Student, Cc	17-07-97	F	38	20	90	35.00	4
001034	Sample Student, Ah	01-05-96	M	39	19	88	31.00	4
001002	Sample Student, B	08-11-97	F	40	19	88	31.00	4
001090	Sample Student, Cl	26-07-97	M	40	19	88	31.00	4
001087	Sample Student, Ci	10-08-97	M	40	19	88	31.00	4
001064	Sample Student, Bl	19-09-97	F	40	19	88	31.00	4
001101	Sample Student, Cw	03-07-97	M	38	19	88	31.00	4

### Merit Order Listing

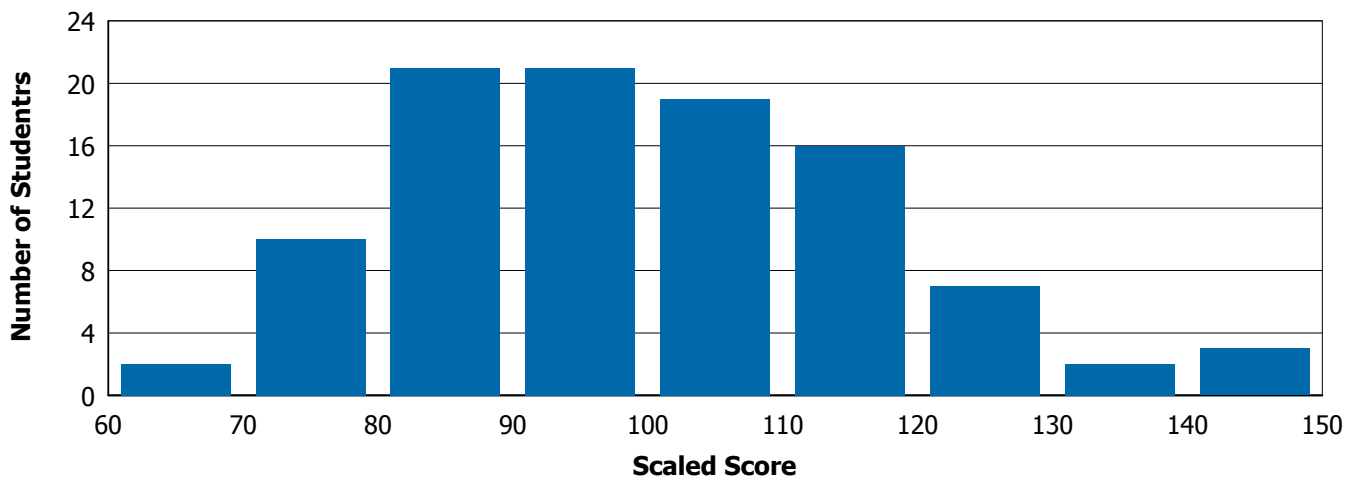
ID	Name	Date of Birth	Sex	Questions Attempted (Max 40)	Questions Answered Correctly (Raw Score)	ART Scaled Score	Percentile	Stanine
001058	Sample Student, Bf	06-05-97	M	40	19	88	31.00	4
001067	Sample Student, Bo	14-02-97	M	40	19	88	31.00	4
001020	Sample Student, T	07-07-97	F	40	18	86	26.00	4
001092	Sample Student, Cn	18-06-97	F	40	18	86	26.00	4
001097	Sample Student, Cs	07-01-97	M	40	18	86	26.00	4
001069	Sample Student, Bq	11-12-97	F	40	18	86	26.00	4
001026	Sample Student, Z	03-05-97	M	40	17	83	22.00	3
001047	Sample Student, Au	26-05-10	M	40	17	83	22.00	3
001082	Sample Student, Cd	09-10-97	F	40	17	83	22.00	3
001084	Sample Student, Cf	07-10-97	F	40	17	83	22.00	3
001100	Sample Student, Cv	06-11-97	M	40	17	83	22.00	3
001031	Sample Student, Ae	29-07-97	F	40	16	81	18.00	3
001040	Sample Student, An	06-09-97	F	28	16	81	18.00	3
001004	Sample Student, D	19-02-97	F	40	16	81	18.00	3
001056	Sample Student, Bd	03-02-97	M	40	16	81	18.00	3
001025	Sample Student, Y	19-06-97	M	40	15	79	14.00	3
001010	Sample Student, J	28-10-97	F	35	15	79	14.00	3
001060	Sample Student, Bh	11-03-97	F	40	15	79	14.00	3
001044	Sample Student, Ar	14-04-97	M	39	14	77	11.00	3
001014	Sample Student, N	06-12-92	M	40	14	77	11.00	3
001036	Sample Student, Aj	29-09-97	M	40	13	74	8.00	2
001093	Sample Student, Co	13-12-97	F	40	13	74	8.00	2
001070	Sample Student, Br	10-11-97	F	40	13	74	8.00	2
001030	Sample Student, Ad	20-04-97	F	40	12	71	6.00	2
001059	Sample Student, Bg	10-04-97	M	40	12	71	6.00	2
001088	Sample Student, Cj	08-03-97	M	39	11	69	5.00	2
001065	Sample Student, Bm	21-01-97	M	40	11	69	5.00	2

Merit Order Listing

ID	Name	Date of Birth	Sex	Questions Attempted (Max 40)	Questions Answered Correctly (Raw Score)	ART Scaled Score	Percentile	Stanine
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Summary Group	Number of Students	Raw Score		ART Scaled Score	
		Average	St Dev	Average	St Dev
All	101	23.8	6.7	100.3	17.6
Male	51	23.9	7.0	100.6	18.4
Female	50	23.7	6.4	99.9	16.9

**Distribution of Scaled Scores**



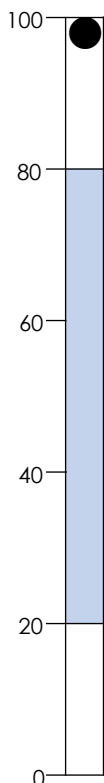
## Results Certificate

### A Sample Student

The Abstract Reasoning Test assesses student ability to use non-verbal reasoning skills. Such reasoning is widely applicable across the curriculum, and beyond school, and is related to scholastic outcomes. Such items are particularly useful when assessments need to be done independent of language skills.

Abstract items require students to solve problems by hypothesising, identifying and applying patterns and relationships presented in diagrammatic form. Evaluation of evidence is an important element in problem solution.

#### Percentile Rank



**Candidate Name:** A Sample Student  
**Date of Birth:** 09 May 1997  
**School:** Sample School  
**Year/Grade Level:** 8  
**Test Date:** September 2011

**Number of Questions on Test:** 40  
**Number Answered Correctly:** 37  
**Number of Questions Attempted:** 40  
**Overall Percentage Correct:** 93  
**Percentile Rank:** 98.00  
**Stanine:** 9

#### How to interpret your child's results

The above chart compares the performance of your child against all students who sat the same test nationwide

- the black dot represents the performance of your child
- the dark grey bar represents the performance of the middle 60% of students

**Percentile Ranks** show the percentage of students with scores below your child's score. For example, a percentile rank of 58 means the student has scored 58% better than all other students who sat the test. Percentile ranks range from 0 to 100, with a higher score indicative of a higher level of performance.

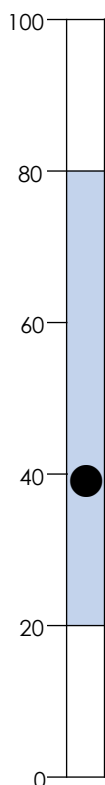
## Results Certificate

### Aa Sample Student

The Abstract Reasoning Test assesses student ability to use non-verbal reasoning skills. Such reasoning is widely applicable across the curriculum, and beyond school, and is related to scholastic outcomes. Such items are particularly useful when assessments need to be done independent of language skills.

Abstract items require students to solve problems by hypothesising, identifying and applying patterns and relationships presented in diagrammatic form. Evaluation of evidence is an important element in problem solution.

#### Percentile Rank



**Candidate Name:** Aa Sample Student  
**Date of Birth:** 20 May 1997  
**School:** Sample School  
**Year/Grade Level:** 8  
**Test Date:** September 2011

**Number of Questions on Test:** 40  
**Number Answered Correctly:** 21  
**Number of Questions Attempted:** 38  
**Overall Percentage Correct:** 53  
**Percentile Rank:** 39.00  
**Stanine:** 4

#### How to interpret your child's results

The above chart compares the performance of your child against all students who sat the same test nationwide

- the black dot represents the performance of your child
- the dark grey bar represents the performance of the middle 60% of students

**Percentile Ranks** show the percentage of students with scores below your child's score. For example, a percentile rank of 58 means the student has scored 58% better than all other students who sat the test. Percentile ranks range from 0 to 100, with a higher score indicative of a higher level of performance.



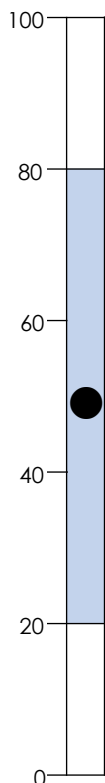
## Results Certificate

### Ab Sample Student

The Abstract Reasoning Test assesses student ability to use non-verbal reasoning skills. Such reasoning is widely applicable across the curriculum, and beyond school, and is related to scholastic outcomes. Such items are particularly useful when assessments need to be done independent of language skills.

Abstract items require students to solve problems by hypothesising, identifying and applying patterns and relationships presented in diagrammatic form. Evaluation of evidence is an important element in problem solution.

#### Percentile Rank



**Candidate Name:** Ab Sample Student  
**Date of Birth:** 06 September 1997  
**School:** Sample School  
**Year/Grade Level:** 8  
**Test Date:** September 2011

**Number of Questions on Test:** 40  
**Number Answered Correctly:** 23  
**Number of Questions Attempted:** 40  
**Overall Percentage Correct:** 58  
**Percentile Rank:** 49.00  
**Stanine:** 5

#### How to interpret your child's results

The above chart compares the performance of your child against all students who sat the same test nationwide

- the black dot represents the performance of your child
- the dark grey bar represents the performance of the middle 60% of students

**Percentile Ranks** show the percentage of students with scores below your child's score. For example, a percentile rank of 58 means the student has scored 58% better than all other students who sat the test. Percentile ranks range from 0 to 100, with a higher score indicative of a higher level of performance.

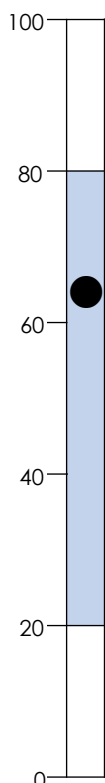
## Results Certificate

### Ac Sample Student

The Abstract Reasoning Test assesses student ability to use non-verbal reasoning skills. Such reasoning is widely applicable across the curriculum, and beyond school, and is related to scholastic outcomes. Such items are particularly useful when assessments need to be done independent of language skills.

Abstract items require students to solve problems by hypothesising, identifying and applying patterns and relationships presented in diagrammatic form. Evaluation of evidence is an important element in problem solution.

#### Percentile Rank



**Candidate Name:** Ac Sample Student  
**Date of Birth:** 16 June 1997  
**School:** Sample School  
**Year/Grade Level:** 8  
**Test Date:** September 2011

**Number of Questions on Test:** 40  
**Number Answered Correctly:** 26  
**Number of Questions Attempted:** 40  
**Overall Percentage Correct:** 65  
**Percentile Rank:** 64.00  
**Stanine:** 6

#### How to interpret your child's results

The above chart compares the performance of your child against all students who sat the same test nationwide

- the black dot represents the performance of your child
- the dark grey bar represents the performance of the middle 60% of students

**Percentile Ranks** show the percentage of students with scores below your child's score. For example, a percentile rank of 58 means the student has scored 58% better than all other students who sat the test. Percentile ranks range from 0 to 100, with a higher score indicative of a higher level of performance.

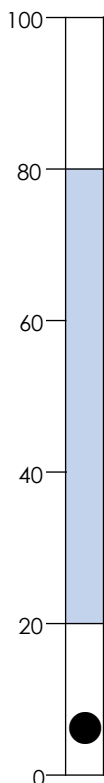
## Results Certificate

### Ad Sample Student

The Abstract Reasoning Test assesses student ability to use non-verbal reasoning skills. Such reasoning is widely applicable across the curriculum, and beyond school, and is related to scholastic outcomes. Such items are particularly useful when assessments need to be done independent of language skills.

Abstract items require students to solve problems by hypothesising, identifying and applying patterns and relationships presented in diagrammatic form. Evaluation of evidence is an important element in problem solution.

#### Percentile Rank



**Candidate Name:** Ad Sample Student  
**Date of Birth:** 20 April 1997  
**School:** Sample School  
**Year/Grade Level:** 8  
**Test Date:** September 2011

**Number of Questions on Test:** 40  
**Number Answered Correctly:** 12  
**Number of Questions Attempted:** 40  
**Overall Percentage Correct:** 30  
**Percentile Rank:** 6.00  
**Stanine:** 2

#### How to interpret your child's results

The above chart compares the performance of your child against all students who sat the same test nationwide

- the black dot represents the performance of your child
- the dark grey bar represents the performance of the middle 60% of students

**Percentile Ranks** show the percentage of students with scores below your child's score. For example, a percentile rank of 58 means the student has scored 58% better than all other students who sat the test. Percentile ranks range from 0 to 100, with a higher score indicative of a higher level of performance.

## Results Certificate

### Ae Sample Student

The Abstract Reasoning Test assesses student ability to use non-verbal reasoning skills. Such reasoning is widely applicable across the curriculum, and beyond school, and is related to scholastic outcomes. Such items are particularly useful when assessments need to be done independent of language skills.

Abstract items require students to solve problems by hypothesising, identifying and applying patterns and relationships presented in diagrammatic form. Evaluation of evidence is an important element in problem solution.

#### Percentile Rank



**Candidate Name:** Ae Sample Student  
**Date of Birth:** 29 July 1997  
**School:** Sample School  
**Year/Grade Level:** 8  
**Test Date:** September 2011

**Number of Questions on Test:** 40  
**Number Answered Correctly:** 16  
**Number of Questions Attempted:** 40  
**Overall Percentage Correct:** 40  
**Percentile Rank:** 18.00  
**Stanine:** 3

#### How to interpret your child's results

The above chart compares the performance of your child against all students who sat the same test nationwide

- the black dot represents the performance of your child
- the dark grey bar represents the performance of the middle 60% of students

**Percentile Ranks** show the percentage of students with scores below your child's score. For example, a percentile rank of 58 means the student has scored 58% better than all other students who sat the test. Percentile ranks range from 0 to 100, with a higher score indicative of a higher level of performance.