Applicant's Name _____

# Admission Application

## Reference Forms

## Secondary School Math Teacher Reference Form

**To be completed by the student's current math teacher. This form is for students in grades 9, 10, 11, or 12 only.**

**Student**—*Give your teacher this form, along with an e-mail address to send it to or a preaddressed stamped envelope.*

**Teacher**—*The above-named student is applying for admission to a school in another country. The purpose of this form is to help us evaluate this student's mathematical ability. It is crucial that your evaluation be as accurate as possible. Rating a student better than his or her actual ability may result in serious problems for the student and the school. Please fill out the form below accurately and honestly and return the form in the preaddressed, stamped envelope or to the e-mail address provided.*

Math Teacher's Name _____    How long have you known the student? _____

Subject Area/Grade Level Taught _____

Please assess the student's mathematical ability in the following (select one number per category):

### Algebra I Concepts

**Ability to add, subtract, multiply, and divide …**

| | Poor | Fair | Good | Very Good | Excellent | Not Studied |
|---|---|---|---|---|---|---|
| integers (signed numbers) | ① | ② | ③ | ④ | ⑤ | ○ |
| polynomials | ① | ② | ③ | ④ | ⑤ | ○ |
| radicals (square roots) | ① | ② | ③ | ④ | ⑤ | ○ |

**Ability to …**

| | Poor | Fair | Good | Very Good | Excellent | Not Studied |
|---|---|---|---|---|---|---|
| graph lines | ① | ② | ③ | ④ | ⑤ | ○ |
| determine the slope of a line | ① | ② | ③ | ④ | ⑤ | ○ |

**Ability to solve …**

| | Poor | Fair | Good | Very Good | Excellent | Not Studied |
|---|---|---|---|---|---|---|
| linear equations having one variable | ① | ② | ③ | ④ | ⑤ | ○ |
| quadratic equations by using factoring | ① | ② | ③ | ④ | ⑤ | ○ |
| quadratic equations by using quadratic formula | ① | ② | ③ | ④ | ⑤ | ○ |
| inequalities | ① | ② | ③ | ④ | ⑤ | ○ |
| systems of equations (elimination and substitution) | ① | ② | ③ | ④ | ⑤ | ○ |
| fractional equations and inequalities | ① | ② | ③ | ④ | ⑤ | ○ |

### Algebra II Concepts

**Ability to add, subtract, multiply, and divide …**

| | Poor | Fair | Good | Very Good | Excellent | Not Studied |
|---|---|---|---|---|---|---|
| expressions with square, cube, and fourth roots | ① | ② | ③ | ④ | ⑤ | ○ |
| rational expressions | ① | ② | ③ | ④ | ⑤ | ○ |
| complex numbers | ① | ② | ③ | ④ | ⑤ | ○ |

**Ability to graph …**

| | Poor | Fair | Good | Very Good | Excellent | Not Studied |
|---|---|---|---|---|---|---|
| conic sections | ① | ② | ③ | ④ | ⑤ | ○ |
| functions of various types | ① | ② | ③ | ④ | ⑤ | ○ |

**Ability to solve …**

| | Poor | Fair | Good | Very Good | Excellent | Not Studied |
|---|---|---|---|---|---|---|
| exponential equations | ① | ② | ③ | ④ | ⑤ | ○ |
| logarithmic equations | ① | ② | ③ | ④ | ⑤ | ○ |
| systems of quadratic equations using determinants | ① | ② | ③ | ④ | ⑤ | ○ |
| sequences and series problems | ① | ② | ③ | ④ | ⑤ | ○ |
| trigonometric equations | ① | ② | ③ | ④ | ⑤ | ○ |

Applicant's Name _____

# Admission Application

## Secondary School Math Teacher Reference Form (continued)

### Geometry Concepts

| | Poor | Fair | Good | Very Good | Excellent | Not Studied |
|---|---|---|---|---|---|---|
| **Ability to find the unknown side of a right triangle …** | | | | | | |
| using the Pythagorean theorem | ① | ② | ③ | ④ | ⑤ | ○ |
| using trigonometry | ① | ② | ③ | ④ | ⑤ | ○ |
| using properties of 45-45-90 and 30-60-90 triangles | ① | ② | ③ | ④ | ⑤ | ○ |
| **Ability to …** | | | | | | |
| find unknown angles formed by two parallel lines cut by a transversal | ① | ② | ③ | ④ | ⑤ | ○ |
| prove two triangles congruent (SAS, ASA, SSS, HL, AAS) | ① | ② | ③ | ④ | ⑤ | ○ |
| find unknown angles and chords in a circle using circle theorems | ① | ② | ③ | ④ | ⑤ | ○ |
| find the area and volume of basic geometric shapes | ① | ② | ③ | ④ | ⑤ | ○ |
| **Overall mathematical ability** | ① | ② | ③ | ④ | ⑤ | |

Please assess the student in these other important areas:

| | Poor | Fair | Good | Very Good | Excellent |
|---|---|---|---|---|---|
| Academic ability | ① | ② | ③ | ④ | ⑤ |
| Initiative | ① | ② | ③ | ④ | ⑤ |
| Homework | ① | ② | ③ | ④ | ⑤ |
| Behavior and attitude | ① | ② | ③ | ④ | ⑤ |
| Peer relationships | ① | ② | ③ | ④ | ⑤ |
| Respect for authority | ① | ② | ③ | ④ | ⑤ |
| Emotional stability | ① | ② | ③ | ④ | ⑤ |
| Attendance | ① | ② | ③ | ④ | ⑤ |

Additional comments:

Based on your answers above (check one only):

○ I recommend without reservation that the above-named student be accepted by the school.

○ I recommend with some reservation that the above-named student be accept ed by the school .

Please explain.

○ I recommend that the above-named student NOT be accepted by the school.

**Math Teacher's Name** (please print) _____

**Signature** _____    **Date** _____

School _____

Address _____

E-mail _____    Phone _____