Student Name: _____

1   Section A

A1

Adding 10 to a number will result in the number 57. What was the original number?

Answer to A1: _____

A2

Annie lives in a rich family who owns 8 cars. If Bob's family owns 3 cars and Claire's family owns 2 cars, how many more cars does Annie's family own than Bob's family and Claire's family combined?
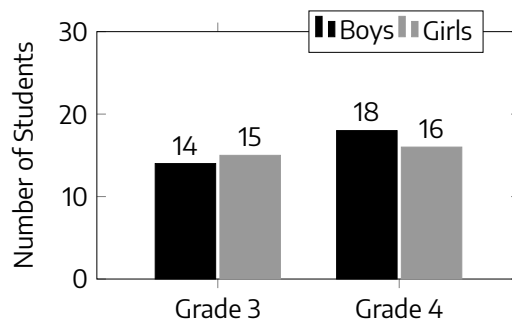
Answer to A2: _____

A3

Eric wants to grow tomatoes in his rectangular-shaped backyard garden. The length of his garden is 4 m and the width of his garden is 6 m. If each tomato vine requires $1\,m^2$ of space to grow, what is the maximum number of tomato vines that he can fit inside the garden?

Answer to A3: _____

A4

The graph below shows the number of boys and girls in the Grade 3 and Grade 4 classes at Hilbert Elementary School. How many students are in the Grade 4 class?

Answer to A4: _____

A5

Bani has to drive 220 km to visit some family members. If she drives the speed limit of 55 km per hour, how many hours will it take her to reach her family?

Answer to A5: _____

A6

Six friends decide to pool their money together to buy something from the store. The first friend gives \$1, the second gives \$2, and so forth, up until the sixth friend who gives \$6. How much money do they have in total?

Answer to A6: _____

A7

At Mathland Middle School, there are 20 students enrolled in English classes and 10 students in math classes. If there are 25 students total in the school and each student is enrolled in at least one of English and math, how many are enrolled in both?

Answer to A7: _____

A8

A *fortnight* is two weeks. If today is the 4th day of the year, what day of the year will it be in two fortnights?

Answer to A8: _____