Appendix A

I I have thirty-six candies. I want to share them equally with three friends. How many candies do we each get? (=9/i)

II How old do you have to be to drive a car in Japan? (=18/r)

III Jack had one hundred dollars. He wanted to buy some books. He went to the book shop and he bought one book for forty-six dollars, and one book for forty-two dollars. After he bought the books, he went to the CD shop. He bought a CD for eleven dollars. How many dollars does Jack have now? (=1/a)

IV At what age do you become an adult in Japan? Minus one. (=19/s)

V Ron has a large box of candies. There are fifty candies in the box. There are orange, strawberry, lemon, grape, lime, apple, grapefruit, kiwi fruit, passion fruit and raspberry candies. Each flavor has the same number of candies. How many apple candies are there? (=5/e)

VI This is the number of prefectures in Tohoku, plus the number of prefectures in Shikoku, plus the number of prefectures in Kyushu. (=17/q)

VII Christmas Day is on this day in December. (=25/y)

VIII What century are we in? (=21/u)

IX How many days are there in June? Divide this number by two. (=15/o)

X How many Japanese prefectures begin with the letter “A”? (=3/c)

XI How many months in the year have thirty-one days? (=7/g)

XII How many times is the temple bell rung in Japan on New Years’ Day? Divide this number by four and minus one. (=26/z)

XIII How many meters high is Tokyo Tower? Divide this by nine, then minus the number of wards in Tokyo. (=14/n)

XIV How many wards of Tokyo are there? (=23/w)

XV How many original members were there in SMAP? Minus the number of members of Kinki Kids. (=4/d)

XVI This number is two dozen. (=24/x)

XVII Jack has twenty four cookies. He gives one each to his sister and his brother. Suddenly, his dog, Pochi, eats half of the remaining cookies. How many cookies does Jack have now? (=11/k)

XVIII How many stars are on an American flag? Divide this by the number of stars on the Chinese flag. (=10/j)

XIX What is the number of arms of a human, times the number of legs of a bird, times the number of eyes of a dog, times the number of ears of a cat? (16/p)

XX This is the number of legs of two dogs minus the number of legs of three humans. (2/b)

XXI How many fingers, thumbs and toes do you have? (=20/t)

XXII Many people in English-speaking countries think this number is unlucky. (=13/m)

XXIII How many months are there in one year? (12/l)

XXIV Yuko wants to buy some CD's. Each CD costs ten dollars. Yuko has ninety-one dollars. Each CD has five percent tax. How many CDs can Yuko buy? (=8/h)

XXV How many legs does an octopus have? Minus the number of eyes a human has. (=6/f)

XXVI School A doesn't have school on Saturdays. School B has school every Saturday. Kousuke is a student at school A. Ruri is a student at school B. How many days do Kousuke and Ruri go to school in two weeks combined? (=22/v)

Appendix B

The following shows an example of how a clue would be written in Roman numerals using the problems from appendix 1.

Actual clue: Look under the piano in the music room

Coded clue: (XXIII / IX / IX / XVII) (VIII / XIII / XV / V / II) (XXI / XXIV / V) (XIX / I / III / XIII / IX) (I / XIII) (XXI / XXIV / V) (XXII / VIII / IV / I / X) (II / IX / IX / XXII)

(NB: Roman numerals could be substituted for Japanese hiragana, katakana, or even kanji if you are able to type using these characters and the students are all able to read them).