

MERRYLAND HIGH SCHOOLS ENTEBBE

KIGUNGU AND KATABI

S1 TERM ONE 2020 HOLIDAY WORK

MATHEMATICS

Represent the following numbers on an abacus:

- a. 123_{four}
- b. 274_{ten}
- c. 1312_{five}

Read and state what each digit in the numbers above represents on an abacus using the stated bases.

Exercise

State the place value of each numeral in the following numbers:

- a) 321_{four} b) 354_{six} c) 247_{eight}

State the value of each numeral in the following numbers:

- b) 567_{nine} b) 381_{twelve} c) 11010_{two}

Represent the following numbers on the abacus:

- (a) 1101_{two} (b) 2102_{three} (c) 2021_{four} (d) 5645_{seven} (e) 8756_{nine}

Convert the following numbers in base ten to bases indicated: 456, 1321, 5693, 56 and 436.

- (a) Five (b) Nine (c) Eight

Convert the following numbers to base ten

Convert (a) 101_{two} (b) 324_{five} (c) 756_{eight} to base ten.