

## Mathematical Facts

Give one example of the following:

1. Do you know how to multiply a three digit number by two digit number?
2. Do you know adding means to keep on counting?
3. Do you know multiplication is simply a short hand for addition?
4. Do you know the inverse of addition is subtraction and the inverse of multiplication is division or vice versa?
5. How about the divisibility of numbers (i.e., if a number is divisible by 2, 3, 4, et-cetera).
6. Do you know to find half of a number means to divide by 2 and a third of a number is to divide by three?
7. How is your skills of dividing a number by 10, 100 or 1000?
8. Do you know the meaning of a fraction number? What is the significance of the bottom number in a fraction that is expressed as  $\frac{a}{b}$ ? ( $a$  and  $b$  are integers)
9. Do you know why when you multiply fractions you multiply top with top and bottom with bottom?
10. Do you know when you divide one fraction by another fraction you turn it into multiplication of the fractions but you invert (reciprocal) the fraction after the division sign?
11. Do you understand what a negative number means?
12. Do you think when you multiply a number by another number the answer is always larger than the first number? How about when you divide do you think the answer will be smaller?