

# **Speed Math**

## **Virtuous Groom**

**Addition / Subtraction:**

Multiplication:

a) By 11

b) By 5

c) By 9 :

d) By 25 :

Two numbers closer to 100 :

Two numbers closer to 50 :

Square of two digit number having 5 at unit place :

Square of three digit number having 5 at unit place :

Split Method :

Multiplication With fraction Value :



## Tables / Square / Square roots :

$$1^2=1$$

$$2^2=4$$

$$3^2=9$$

$$4^2=16$$

$$5^2=25$$

$$6^2=36$$

$$7^2=49$$

$$8^2=64$$

$$9^2=81$$

$$10^2=100$$

Approximate square roots :

Cubes/ Cube Roots :

$$1^3=1$$

$$2^3=8$$

$$3^3=27$$

$$4^3=64$$

$$5^3=125$$

$$6^3=216$$

$$7^3=343$$

$$8^3=512$$

$$9^3=729$$

$$10^3=1000$$

$$11^3=1331$$

Approximate cube roots :

## Divisibility Rule:

2:

3:

4:

5:

6:

8:

9:

10:

11:

7/ 13:

17: -5

19: +2

23: +7