

Diploma in Business Administration

DBA 102



Basic Business Statistics

Objective of subject

- Apply the rules of numeracy
- Carry out basic numerical calculations with or without a calculator
- Use elementary algebra
- Present and analyze simple business data





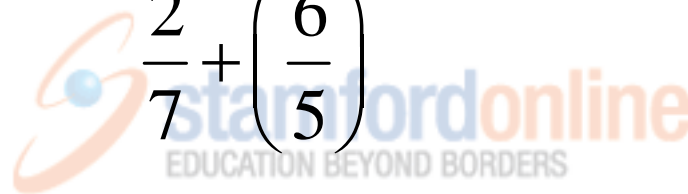
Basic Arithmetic

Learning outcomes:

After completing this unit, students should be able to solve the calculations involving whole numbers, fractions, decimals and also calculate the terms involving powers and roots.

Fraction

Example: Calculate the following

$$\frac{2}{7} + \left(\frac{6}{5}\right)^2$$


Solution: $\frac{2}{7} + \left(\frac{6}{5}\right)^2 = \frac{2}{7} + \frac{36}{25} = \frac{50 + 252}{175} = \frac{302}{175}$

Power and roots

Example: Calculate the following

$$5^2 - \sqrt{7}$$



Solution: $5^2 - \sqrt{7} = 25 + 2.645 = 27.645$

