Mathematics Background for Pyramid Case Study

For a right-angle triangles ACB and DEB

Angle ABC = Angle DBE

Slope = Rise/Run = AC/CB = DE/EB

= numerical constant

Tangent ABC = Tangent DBE

= AC/CB = DE/EB

Ratio = Numerator/Denominator = Value is a Constant

The numerator and denominator can be either numbers of expressions

For example 25/10 = 5/2 = 2.5

Speed = Distance/Time

Density = Mass/Volume
Pyramid of Giza
Dimensions of Pyramid of Giza
The Ancient Lime Stone Quarry at Saqqars
Transporting an Egyptian Colossus (1880 B.C.)