

QUIZ 1

This quiz covers sections P2, P3 and P6.

NO CALCULATORS are allowed during this quiz.

Each exercise is of 1 point.

Exercise 1: Evaluate: -3^2

Exercise 2: Evaluate: $(-3)^3$

Exercise 3: Evaluate: $(-2)^4$

Exercise 4: Simplify if possible: $(-2m)^4(-2m^3n^9)$

Exercise 5: Simplify if possible: $\frac{m+2}{\sqrt{m^2+4}}$

Exercise 6: Do the operation and simplify the expression: $\frac{\left(36^{\frac{1}{2}}x + \sqrt{4}\right)y^{-6}}{3x+1}$

Exercise 7: Evaluate if it exists: $\sqrt[3]{-27}$

Exercise 8: Simplify the rational expression: $\frac{x^2+3x+2}{x^2-7x-18}$

Exercise 9: Simplify the rational expression: $\frac{\frac{x-3}{8}}{\frac{x}{x-2}}$

Exercise 10: Find all the numbers that must be excluded from the domain of the rational expression: $\frac{x-3}{x^2+4x-45}$