

Name _____
Date _____

Introduction to Technical Mathematics
Class #09-B-2

Factoring - An Introduction

Quality - Accuracy - Transfer - 100%

Section 1. Perfect Squares - Whole Numbers.

121 _____

225 _____

169 _____

400 _____

625 _____

Section 2. Perfect Squares - Decimal Numbers.

1.44 _____

0.0081 _____

.36 _____

0.0004 _____

.0324 _____

Section 3. Perfect Squares - Fractional Numbers.

$\frac{25}{81}$ _____

$\frac{121}{225}$ _____

$\frac{49}{400}$ _____

$\frac{9}{16}$ _____

$\frac{441}{625}$ _____

Section 2. Perfect Squares – Variable - Monomial Numbers.

a^2b^6 _____

x^2y^4 _____

$a^{12}b^{20}c^4$ _____

c^2d^{16} _____

$x^{10}y^{20}$ _____

$144s^4t^{10}$ _____

$\frac{100}{121}x^6y^8$ _____

$2.25x^2y^2$ _____

$\frac{4}{9}x^8y^{12}$ _____

$.0004c^8d^{12}$ _____