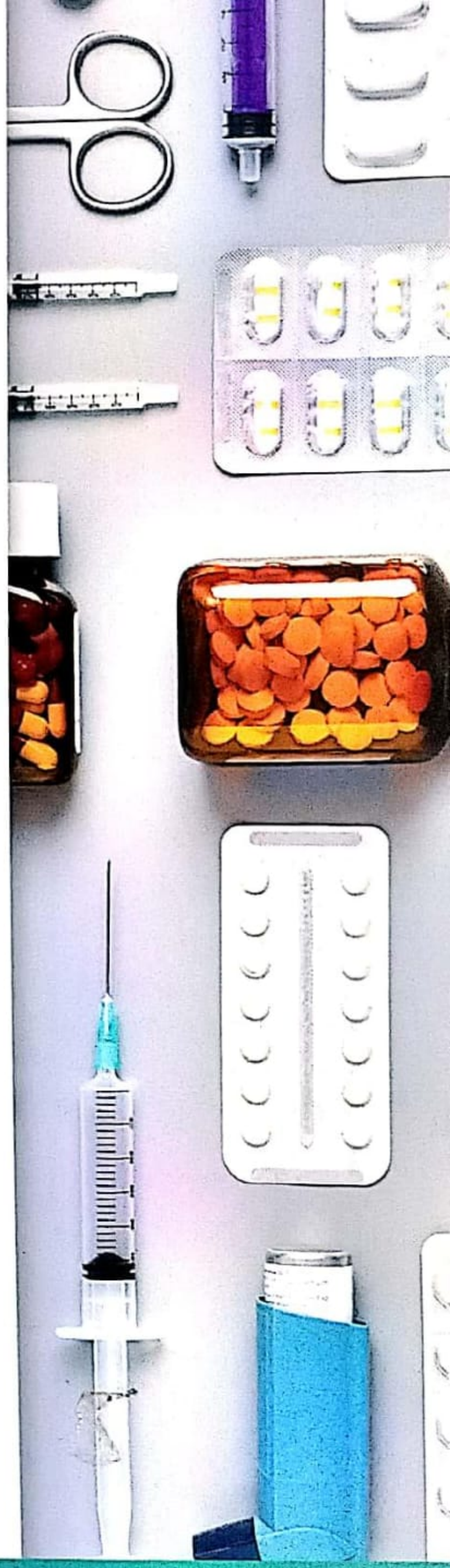
HORNTVEDT

Dimensional Analysis

Calculating Dosages Safely

THIRD EDITION



F.A. DAVIS

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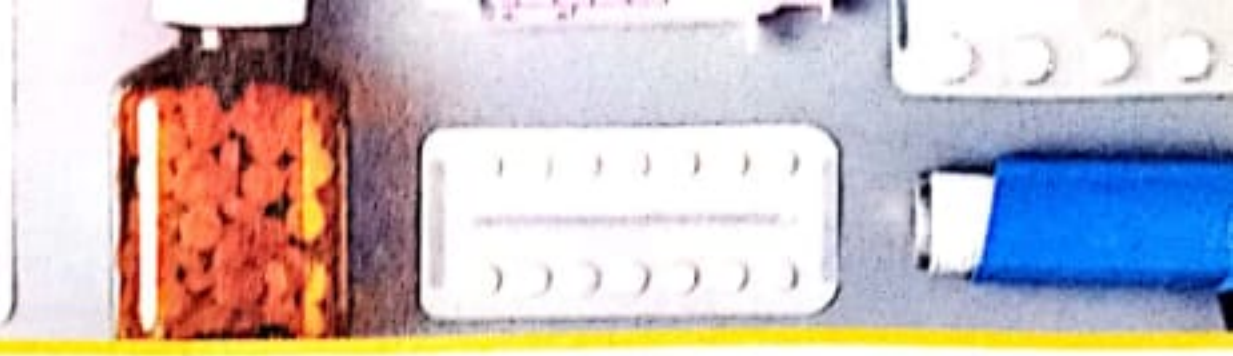


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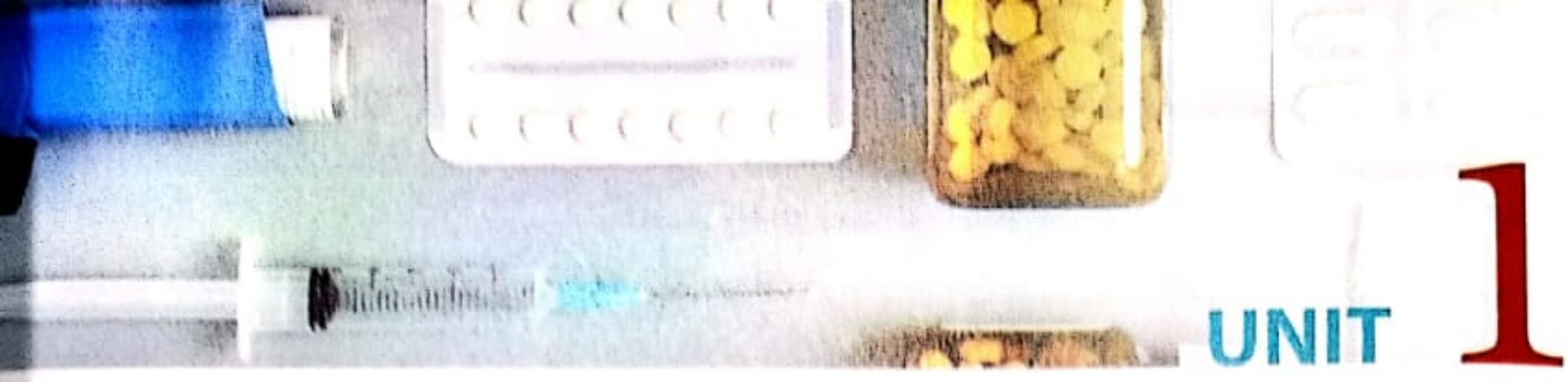
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UNIT 1

Arithmetic Review and Dimensional Analysis

Chapter 1
Whole Numbers

Glossary

Dividend: The number that is to be divided into parts.
Difference: The amount that remains after one number is subtracted from another.
Divisor: The number by which the dividend is to be divided.
Equation: A mathematical statement (for example: $5 + 3 = 8$).
Operation: A mathematical process that calculates a value using addition, subtraction, multiplication, division, square root, etc.
Product: The answer reached when two numbers are multiplied.
Quotient: The answer reached when dividing one number (the dividend) by another number (the divisor).
Sum: The amount obtained after adding one number to another.
Trailing zero(s): One or more zeros at the end of a number. For example: The number 250,000 has 4 trailing zeros.
Whole number: A number that does not contain fractions, decimals, or negative numbers.