

Midwest Region PASS Center

MATH 7B

In this course concepts and skills are introduced or reintroduced through step by step examples provided in the student activity book. These are followed by practice exercises with the answers given upside down on the following page. Once the student is confident that he/she knows the skill he/she does the follow up activity. For immediate reinforcement purposes the answers to the odd numbered problems of each activity are provided in the "Appendix" of the student activity book. A "Reteach" activity is provided for each skill for students needing additional practice or for review purposes as indicated from the results of the review test

UNIT 6 – Addition, Subtraction, Multiplication & Division

The unit reviews and provides practice in operations of addition, subtraction, multiplication and division of whole numbers, decimals and fractions.

UNIT 7 – Ratios, Proportions & Percent

The unit reviews and extends the student's knowledge and use of ratios, proportions and percent. The procedures for interchanging fractions, percents and decimals as well as finding the percent of a number and a number when percent is given are also reviewed and practiced.

UNIT 8 - Geometric Forms

The unit reviews basic geometric terms, lines, points, segments, polygons and quadrilaterals. It also reviews measuring and classifying angles and triangles and identifying solid figures. The student is introduced to bisecting segments and angles as well as the construction of congruent segments and angles.

UNIT 9 – Measurement

This unit reviews the formulas for finding perimeters; and the areas of rectangles, squares, triangles and parallelograms. The student is introduced to the parts of a circle and how to find the circumference and area of circles. Also introduced is finding the volume of rectangular prisms, cylinders and cones.

UNIT 10 – Integers

This unit introduces integers and the comparison, adding, subtracting, multiplying and dividing of them. Practice in the four basic operations with integers is provided.