

**TABE 9 & 10**  
*Matched to*  
**SkillsTutor and CornerStone Math B**

**Test 2 - Mathematics Computation**  
**TABE® 9&10 OBJECTIVE AND SUB-SKILL**

**2.1 Addition of Whole Numbers**

**No regrouping: column to 3 digits**

**Using Whole Numbers:**

Using Whole Numbers: Lesson 3: Addition

Using Whole Numbers: Lesson 5: Problem-Solving Lesson

**No regrouping: up to 3 digits**

**Using Whole Numbers:**

Using Whole Numbers: Lesson 3: Addition

Using Whole Numbers: Lesson 5: Problem-Solving Lesson

**No regrouping: up to 4 digits**

**Using Whole Numbers:**

Using Whole Numbers: Lesson 3: Addition

Using Whole Numbers: Lesson 5: Problem-Solving Lesson

**Regrouping: column to 3 digits**

**Using Whole Numbers:**

Using Whole Numbers: Lesson 3: Addition

Using Whole Numbers: Lesson 5: Problem-Solving Lesson

**Regrouping: up to 3 digits**

**Using Whole Numbers:**

Using Whole Numbers: Lesson 3: Addition

Using Whole Numbers: Lesson 5: Problem-Solving Lesson

**Regrouping: up to 4 digits**

**Using Whole Numbers:**

Using Whole Numbers: Lesson 3: Addition

Using Whole Numbers: Lesson 5: Problem-Solving Lesson

## **2.2 Subtraction of Whole Numbers**

### **No regrouping: from 2 or 3 digits**

**Using Whole Numbers:**

Using Whole Numbers: Lesson 4: Subtraction

Using Whole Numbers: Lesson 5: Problem-Solving Lesson

### **No regrouping: from 4 digits**

**Using Whole Numbers:**

Using Whole Numbers: Lesson 4: Subtraction

Using Whole Numbers: Lesson 5: Problem-Solving Lesson

### **Regrouping: from 2 or 3 digits**

**Using Whole Numbers:**

Using Whole Numbers: Lesson 4: Subtraction

Using Whole Numbers: Lesson 5: Problem-Solving Lesson

### **Regrouping: from 4 digits**

**Using Whole Numbers:**

Using Whole Numbers: Lesson 4: Subtraction

Using Whole Numbers: Lesson 5: Problem-Solving Lesson

## **2.3 Multiplication of Whole Numbers**

### **No regrouping: basic facts**

**Using Whole Numbers:**

Using Whole Numbers: Lesson 6: Multiplication

Using Whole Numbers: Lesson 9: Problem-Solving Lesson

### **No regrouping: by 1 digit**

**Using Whole Numbers:**

Using Whole Numbers: Lesson 6: Multiplication

Using Whole Numbers: Lesson 9: Problem-Solving Lesson

### **No regrouping: by 2+ digits**

**Using Whole Numbers:**

Using Whole Numbers: Lesson 6: Multiplication

Using Whole Numbers: Lesson 9: Problem-Solving Lesson

## **Regrouping: by 1 digit**

### **Using Whole Numbers:**

Using Whole Numbers: Lesson 6: Multiplication

Using Whole Numbers: Lesson 9: Problem-Solving Lesson

## **Regrouping: by 2+ digits**

### **Using Whole Numbers:**

Using Whole Numbers: Lesson 6: Multiplication

Using Whole Numbers: Lesson 9: Problem-Solving Lesson

## **2.4 Division of Whole Numbers**

### **No remainder: basic facts**

#### **Using Whole Numbers:**

Using Whole Numbers: Lesson 8: Division

Using Whole Numbers: Lesson 9: Problem-Solving Lesson

### **No remainder: by 1 digit**

#### **Using Whole Numbers:**

Using Whole Numbers: Lesson 8: Division

Using Whole Numbers: Lesson 9: Problem-Solving Lesson

### **No remainder: by 2+ digits**

#### **Using Whole Numbers:**

Using Whole Numbers: Lesson 8: Division

Using Whole Numbers: Lesson 9: Problem-Solving Lesson

### **Remainder: by 1 digit**

#### **Using Whole Numbers:**

Using Whole Numbers: Lesson 8: Division

Using Whole Numbers: Lesson 9: Problem-Solving Lesson

### **Remainder: by 2+ digits**

#### **Using Whole Numbers:**

Using Whole Numbers: Lesson 8: Division

Using Whole Numbers: Lesson 9: Problem-Solving Lesson

## **2.5 Decimals**

## **Addition**

### **Using Decimals:**

Using Decimals: Lesson 1: Addition of Decimals

Using Decimals: Lesson 3: Problem-Solving Lesson

## **Subtraction**

### **Using Decimals:**

Using Decimals: Lesson 2: Subtraction of Decimals

Using Decimals: Lesson 3: Problem-Solving Lesson

## **Multiplication**

### **Using Decimals:**

Using Decimals: Lesson 4: Multiplication of Decimals

Using Decimals: Lesson 6: Problem-Solving Lesson

## **Division**

### **Using Decimals:**

Using Decimals: Lesson 5: Division of Decimals

Using Decimals: Lesson 6: Problem-Solving Lesson

## **2.6 Fractions**

### **Addition**

#### **Using Fractions and Percents:**

Using Fractions and Percents: Lesson 2: Addition of Fractions

Using Fractions and Percents: Lesson 4: Problem-Solving Lesson

### **Subtraction**

#### **Using Fractions and Percents:**

Using Fractions and Percents: Lesson 3: Subtraction of Fractions

Using Fractions and Percents: Lesson 4: Problem-Solving Lesson

### **Multiplication**

#### **Using Fractions and Percents:**

Using Fractions and Percents: Lesson 5: Multiplication of Fractions

Using Fractions and Percents: Lesson 7: Problem-Solving Lesson

### **Division**

**Using Fractions and Percents:**

Using Fractions and Percents: Lesson 6: Division of Fractions

Using Fractions and Percents: Lesson 7: Problem-Solving Lesson

## 2.8 Percents

### Percents

**Using Fractions and Percents:**

Using Fractions and Percents: Lesson 8: Percent of a Number

## 2.10 Algebraic Operations

### Computation with exponents

**Using Whole Numbers:**

Using Whole Numbers: Lesson 10: Equations

### Solve equations

**Using Whole Numbers:**

Using Whole Numbers: Lesson 10: Equations

## Test 3 - Applied Mathematics TABE® 9&10 OBJECTIVE AND SUB-SKILL

## 3.1 Number and Number Operations

### Compare, order

**Understanding Numbers:**

Understanding Numbers: Lesson 3: Comparing and Ordering Numbers

### Counting

**Understanding Numbers:**

Understanding Numbers: Lesson 1: Place Value

Understanding Numbers: Lesson 2: Numbers and Word Names

### Equivalent forms

**Using Fractions and Percents:**

Using Fractions and Percents: Lesson 1: Equivalent Forms

## Number line

### Understanding Numbers:

Understanding Numbers: Lesson 3: Comparing and Ordering Numbers

## Percent

### Using Fractions and Percents:

Using Fractions and Percents: Lesson 8: Percent of a Number

## Place value

### Understanding Numbers:

Understanding Numbers: Lesson 1: Place Value

## Read, recognize numbers

### Understanding Numbers:

Understanding Numbers: Lesson 1: Place Value

Understanding Numbers: Lesson 2: Numbers and Word Names

## 3.2 Computation in Context

## Decimals

### Using Decimals:

Using Decimals: Lesson 1: Addition of Decimals

Using Decimals: Lesson 2: Subtraction of Decimals

Using Decimals: Lesson 3: Problem-Solving Lesson

Using Decimals: Lesson 4: Multiplication of Decimals

Using Decimals: Lesson 5: Division of Decimals

Using Decimals: Lesson 6: Problem-Solving Lesson

## Fractions

### Using Fractions and Percents:

Using Fractions and Percents: Lesson 1: Equivalent Forms

Using Fractions and Percents: Lesson 2: Addition of Fractions

Using Fractions and Percents: Lesson 3: Subtraction of Fractions

Using Fractions and Percents: Lesson 4: Problem-Solving Lesson

Using Fractions and Percents: Lesson 5: Multiplication of Fractions

Using Fractions and Percents: Lesson 6: Division of Fractions

Using Fractions and Percents: Lesson 7: Problem-Solving Lesson

## Percents

### Using Fractions and Percents:

Using Fractions and Percents: Lesson 8: Percent of a Number

## Whole numbers

### Using Whole Numbers:

Using Whole Numbers: Lesson 1: Front-End Estimation  
Using Whole Numbers: Lesson 2: Estimation by Rounding  
Using Whole Numbers: Lesson 3: Addition  
Using Whole Numbers: Lesson 4: Subtraction  
Using Whole Numbers: Lesson 5: Problem-Solving Lesson  
Using Whole Numbers: Lesson 6: Multiplication  
Using Whole Numbers: Lesson 7: Compatible Numbers  
Using Whole Numbers: Lesson 8: Division  
Using Whole Numbers: Lesson 9: Problem-Solving Lesson  
Using Whole Numbers: Lesson 10: Equations  
Using Whole Numbers: Lesson 11: Patterns and Sequences

## 3.3 Estimation

### Using Whole Numbers:

Using Whole Numbers: Lesson 1: Front-End Estimation  
Using Whole Numbers: Lesson 2: Estimation by Rounding

## Reasonableness of answer

### Using Whole Numbers:

Using Whole Numbers: Lesson 1: Front-End Estimation  
Using Whole Numbers: Lesson 2: Estimation by Rounding

## Rounding

### Using Whole Numbers:

Using Whole Numbers: Lesson 2: Estimation by Rounding

## 3.4 Measurement

### Time

#### Understanding Numbers:

Understanding Numbers: Lesson 5: Time Zones

### Temperature

#### Understanding Numbers:

Understanding Numbers: Lesson 4: Changes in Temperature

## 3.6 Data Analysis

### Appropriate data display

#### Working with Data:

Working with Data: Lesson 1: Bar Graphs  
Working with Data: Lesson 2: Graphing Ordered Pairs  
Working with Data: Lesson 3: Line Graphs  
Working with Data: Lesson 4: Circle Graphs

## Bar, line, circle graph

### Working with Data:

Working with Data: Lesson 1: Bar Graphs

Working with Data: Lesson 3: Line Graphs

Working with Data: Lesson 4: Circle Graphs

## Conclusions from data

### Working with Data:

Working with Data: Lesson 1: Bar Graphs

Working with Data: Lesson 2: Graphing Ordered Pairs

Working with Data: Lesson 3: Line Graphs

Working with Data: Lesson 4: Circle Graphs

## Table, chart, diagram

### Working with Data:

Working with Data: Lesson 1: Bar Graphs

Working with Data: Lesson 2: Graphing Ordered Pairs

Working with Data: Lesson 3: Line Graphs

Working with Data: Lesson 4: Circle Graphs

## 3.8 Patterns, Functions, Algebra

### Number pattern

#### Using Whole Numbers:

Using Whole Numbers: Lesson 11: Patterns and Sequences

## 3.9 Problem Solving and Reasoning

### Identify missing / extra information

#### Problem Solving

#### Using Whole Numbers:

Using Whole Numbers: Lesson 5: Problem-Solving Lesson

Using Whole Numbers: Lesson 9: Problem-Solving Lesson

#### Using Decimals:

Using Decimals: Lesson 3: Problem-Solving Lesson

Using Decimals: Lesson 6: Problem-Solving Lesson

#### Using Fractions and Percents:

Using Fractions and Percents: Lesson 4: Problem-Solving Lesson

Using Fractions and Percents: Lesson 7: Problem-Solving Lesson

## Evaluate solution

### Problem Solving

#### Using Whole Numbers:

Using Whole Numbers: Lesson 5: Problem-Solving Lesson

Using Whole Numbers: Lesson 9: Problem-Solving Lesson

#### Using Decimals:

Using Decimals: Lesson 3: Problem-Solving Lesson

Using Decimals: Lesson 6: Problem-Solving Lesson

#### Using Fractions and Percents:

Using Fractions and Percents: Lesson 4: Problem-Solving Lesson

Using Fractions and Percents: Lesson 7: Problem-Solving Lesson

## Model problem situation, solution

### Problem Solving

#### Using Whole Numbers:

Using Whole Numbers: Lesson 5: Problem-Solving Lesson

Using Whole Numbers: Lesson 9: Problem-Solving Lesson

#### Using Decimals:

Using Decimals: Lesson 3: Problem-Solving Lesson

Using Decimals: Lesson 6: Problem-Solving Lesson

#### Using Fractions and Percents:

Using Fractions and Percents: Lesson 4: Problem-Solving Lesson

Using Fractions and Percents: Lesson 7: Problem-Solving Lesson

## Solve problem

### Problem Solving

#### Using Whole Numbers:

Using Whole Numbers: Lesson 5: Problem-Solving Lesson

Using Whole Numbers: Lesson 9: Problem-Solving Lesson

#### Using Decimals:

Using Decimals: Lesson 3: Problem-Solving Lesson

Using Decimals: Lesson 6: Problem-Solving Lesson

#### Using Fractions and Percents:

Using Fractions and Percents: Lesson 4: Problem-Solving Lesson

Using Fractions and Percents: Lesson 7: Problem-Solving Lesson