

| Course Name | Focus Area | Covered Topics | Learning Time |
|-------------------------|---------------------------------------|--|-------------------------------------|
| Get Ready | Prepare for success with the course | Course Introduction Video, Prerequisite Check, Who Should Take This Course, Help Us Know More about You, How to Use This Course | 10 - 20 mins |
| Day 1 Challenge | Algebra | Estimation and Simplifying of Fractions; Decimals; Number Sense Techniques | 25 - 40 mins |
| Day 2 Challenge | Algebra | Complex Fractions; Mixed Numbers; Simplifying Expressions; Solving Equations Containing Fractions; Substitution; Square Roots; Word Problems; Addition and Subtraction of Fractions; Reciprocals | 35 - 50 min |
| Day 3 Challenge | Algebra | Equivalent Fractions; Number Line; Least Common Denominator; Estimations and Operations on Mixed Numbers | 35 - 50 mins |
| Day 4 Challenge | Algebra | Applications of Proportions, Percents and Rates; Solving Equations with Variables | 30 - 45 mins |
| Week 1 Challenge | Reinforce Day 1 to Day 4's Learning | 40-minute-20 practice problem assessment of Day 1 to Day 4 materials | 60 minutes (up to 4 tries in total) |
| Day 5 Challenge | Algebra | Rates and Proportion; Applications of Rates; Word Problems | 30 - 45 mins |
| Day 6 Challenge | Algebra | Volume; Similar Figures; Ratio and Proportion; Proportional Lengths | 26 - 41 mins |
| Day 7 Challenge | Algebra | Applications of Percents, Decimals, and Rates; Cost Analysis; Percent Increase and Decrease | 33 - 48 mins |
| Day 8 Challenge | Algebra | Applications of Percents, Decimals, and Rates; Cost Analysis; Percent Increase and Decrease | 30 - 45 mins |
| Week 2 Challenge | Reinforce Day 5 to Day 8's Learning | 40-minute-20 practice problem assessment of Day 5 to Day 8 materials | 60 minutes (up to 4 tries in total) |
| Day 9 Challenge | Algebra | Applications to Accounting; Word Problems; Unit Cost; Cost Analysis; Percents | 35 - 50 mins |
| Day 10 Challenge | Algebra | Estimation; Applications to Cost; Average; Rates | 30 - 45 mins |
| Day 11 Challenge | Algebra | Percents with Applications; Decimals; Conditional Probability; Sets; Total Probability; Equations in One Variable | 35 - 50 mins |
| Day 12 Challenge | Algebra | Applications of Ratios and Rates; Circumference; Prime Factors; Fractions; Decimals | 30 - 45 mins |
| Week 3 Challenge | Reinforce Day 9 to Day 12's Learning | 40-minute-20 practice problem assessment of Day 1 to Day 4 materials | 60 minutes (up to 4 tries in total) |
| Day 13 Challenge | Algebra | Rate-Time Problems; Reciprocals; Adding and Simplifying Fractions; Factors | 42 - 57 mins |
| Day 14 Challenge | Algebra | Rates; Harmonic Average; Applications of Rates; Word Problems | 25 - 40 mins |
| Day 15 Challenge | Algebra | Counting; Permutations; Problem-Solving Using Diagrams; Linear Recurrence Relations; Fibonacci Sequences | 38 - 53 mins |
| Day 16 Challenge | Algebra | Rates; Acceleration; Word Problems; Arithmetic Sum; Intepreting Graphs | 31 - 46 mins |
| Week 4 Challenge | Reinforce Day 12 to Day 16's Learning | 40-minute-20 practice problem assessment of Day 1 to Day 4 materials | 60 minutes (up to 4 tries in total) |
| | | Total Learning Time | 11 hr ~ 15 hr |