UNIT 11   Fractions and Percentages   Lesson Plans

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Lesson No.		*References*
1.	**Fractions, Decimals and Percentages**	
	Introduction – interactivity with class	OS11.1
	Exercises	T11.1
	Homework	P11.1 (Q7)
2.	**Fractions and Percentages of Quantities**	
	Examples	T11.2
	Exercises	T11.2
	Activity	A11.1
	Homework	P11.2 (Q10, 11, 12)
3.	**Quantities as Percentages**	
	Examples	T11.3
	Exercises	T11.3
	Homework	P11.3
4.	**More Complex Percentages**	
	Examples	T11.4
	Interactive Activity	OS11.5
	Exercises	T11.4 (Q11,12,13)
	Homework	P11.4 (Q4)
5.	**Percentage Increase and Decrease**	
	Examples	T11.5
	Exercises	T11.5
	Homework	P11.5 (Q14, 15)
6.	**Addition and Subtraction of Fractions**	
	Introduction – equivalent fractions	OS11.3
	Examples	$\begin{cases} \text{T11.6} \\ \text{OS11.6} \end{cases}$
	Exercises	T11.6
	Homework	P11.6

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7.   **Multiplication of Fractions**

Introduction   OS11.6

Examples   T11.7

Exercises   T11.7

Homework   P11.7

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8.   **Division of Fractions**

Introduction – simple examples

Exercises   T11.7

Mental Test   M11.1 or 11.2

Homework   P11.7

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1.   Fractions and Percentages of Quantities

Examples	T11.2
Exercises	T11.2
Activity	A11.1
Homework	P11.2 (Q10, 11, 12)

2.   Quantities as Percentages

Examples	T11.3
Exercises	T11.3
Homework	P11.3

3.   More Complex Percentages

Examples	T11.4
Interactive Activity	OS11.5
Exercises	T11.4 (Q11,12,13)
Homework	P11.4 (Q4)

4.   Percentage Increase and Decrease

Examples	T11.5
Exercises	T11.5
Homework	P11.5 (Q14, 15)

5.   Addition and Subtraction of Fractions

Introduction – equivalent fractions	OS11.3
Examples	$\left\{\begin{array}{l} \text{T11.6} \\ \text{OS11.6} \end{array}\right.$
Exercises	T11.6
Homework	P11.6

6.   Multiplication and Division of Fractions

Introduction – multiplication	OS11.7
Exercises	T11.7
Division of fractions – simple examples	T11.7
Exercises	P11.7
Homework	P11.7

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Lesson No.		*References*
1.	**More Complex Percentages**	
	Examples	T11.4
	Interactive Activity	OS11.5
	Exercises	T11.4 (Q11,12,13)
	Homework	P11.4 (Q4)
2.	**Percentage Increase and Decrease**	
	Examples	T11.5
	Exercises	T11.5
	Homework	P11.5 (Q14, 15)
3.	**Addition and Subtraction of Fractions**	
	Introduction – equivalent fractions	OS11.3
	Examples	$\left\{\begin{array}{l}\text{T11.6}\\\text{OS11.6}\end{array}\right.$
	Exercises	T11.6
	Homework	P11.6
4.	**Multiplication and Division of Fractions**	
	Introduction – multiplication	OS11.7
	Exercises	T11.7
	Division of fractions – simple examples	T11.7
	Exercises	P11.7
	Homework	P11.7
5.	**Compound Interest**	
	Mental Test	M11.1 or 11.2
	Introductory examples	T11.8
	Exercises	T11.8
	Homework	P11.8
6.	**Reverse Percentage Problems**	
	Mental Test	M11.3 or 11.4
	Introduction	T11.9
	Activity	A11.4
	Exercises	T11.9
	Homework	P11.9