

UNIT 17 *Arithmetic: Decimals, Fractions and Percentages*

Lesson Plans

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These are based on 45/50 minute lessons.

<i>Lesson No.</i>	<i>Suggested Plan</i>	<i>References</i>
1.	Decimals to Fractions 1	
	Worked example	PB 17.1, Example 1
	Exercises	PB 17.1, Q2
	Review answers	
	Introduction: decimals to fractions	OS 17.1
	Exercises	PB 17.1, Q3
	Review answers	
	Set homework	PB 17.1, Q4
2.	Decimals to Fractions 2	
	Discuss homework	
	Interactive exercises	PB 17.1, Q5
	Exercises	PB 17.1, Q7
	Review answers	
	Set homework	PB 17.1, Q9
3.	Fractions to Decimals 1	
	Discuss homework	
	Introduction	OS 17.2
	Exercises	PB 17.2, Q1
	Review answers	
	Introduction to more complex conversions	OS 17.3
	Exercises	PB 17.2, Q3
	Set homework	Complete PB 17.2, Q3 or Q4
4.	Fractions to Decimals 2	
	Discuss homework	
	Worked examples - interactive	OS 17.4
	Exercises	PB 17.2, Q5
	Review answers	
	Set homework	PB 17.2, Q6
5.	Percentages 1	
	Discuss homework	
	Introduction	OS 17.6
	Exercises	PB 17.3, Q1
	Review answers	
	Shading percentages	OS 17.5
	Exercises	PB 17.3, Q5
	Set homework	PB 17.3, Q6

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<i>Lesson No.</i>	<i>Suggested Plan</i>	<i>References</i>
6.	Percentages 2 Review homework Finding percentages Exercises Review answers Mental Test Review answers Set homework	OS 17.7 PB 17.3, Q9 M 17.1 Complete PB 17.3, Q9 or Activity 17.1
7.	Revision Test Discuss homework Revision Test	R 17.1
8.	Recap Give back marked tests Go over test questions interactively	

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Lesson Plans



Revise topics

<i>Lesson No.</i>	<i>Suggested Plan</i>	<i>References</i>
1.	Decimals to Fractions	
	Worked example	PB 17.1, Example 1
	Exercises	PB 17.1, Q2
	Review answers	
	Decimals to fractions	OS 17.1
	Exercises	PB 17.1, Q3 (part)
	Review answers	
	Exercises	PB 17.1, Q5
	Review answers	
	Set homework	PB 17.1, Q4 and Q10
2.	Fractions to Decimals 1	
	Discuss homework	
	Introduction	OS 17.2
	Exercises	PB 17.2, Q1
	Review answers	
	Introduction to more complex conversions	OS 17.3
	Exercises	PB 17.2, Q3
	Set homework	Complete PB 17.2, Q3 or Q4
3.	Fractions to Decimals 2	
	Discuss homework	
	Worked examples - interactive	OS 17.4
	Exercises	PB 17.2, Q5
	Review answers	
	Set homework	PB 17.2, Q6
4.	Percentages 1	
	Discuss homework	
	Introduction	OS 17.6
	Exercises	PB 17.3, Q1
	Review answers	
	Shading percentages	OS 17.5
	Exercises	PB 17.3, Q5
	Set homework	PB 17.3, Q6

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Lesson Plans



<i>Lesson No.</i>	<i>Suggested Plan</i>	<i>References</i>
5.	Percentages 2 Discuss homework Finding percentages Exercises Review answers Activity Set homework	OS 17.7 PB 17.3, Q9 Activity 17.2 (or Activity 17.3) Complete activity
6.	Decimals. Fractions and Percentages Discuss homework Mental games Introduction – interactive Exercises Review answers Mental Test Review answers Set homework	Activity 17.4 OS 17.8 PB 17.4, Q5 M 17.2 PB 17.4, Q6 or Q10
7.	Revision Test Discuss homework Revision Test	R 17.2
8.	Recap Give back marked tests Go over test questions interactively Revise topics	

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Lesson Plans

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<i>Lesson No.</i>	<i>Suggested Plan</i>	<i>References</i>
1.	Decimals to Fractions	
	Worked example	PB 17.1, Example 1
	Exercises	PB 17.1, Q2
	Review answers	
	Decimals to fractions	OS 17.1
	Exercises	PB 17.1, Q3 (part)
	Review answers	
	Exercises	PB 17.1, Q5
	Review answers	
	Set homework	PB 17.1, Q4 and Q10
2.	Fractions to Decimals 1	
	Discuss homework	
	Introduction	OS 17.2
	Exercises	PB 17.2, Q1
	Review answers	
	Introduction to more complex conversions	OS 17.3
	Exercises	PB 17.2, Q3
	Set homework	Complete PB 17.2, Q3 or Q4
3.	Fractions to Decimals 2	
	Discuss homework	
	Worked examples - interactive	OS 17.4
	Exercises	PB 17.2, Q5
	Review answers	
	Set homework	PB 17.2, Q6
4.	Percentages 1	
	Discuss homework	
	Introduction	OS 17.6
	Exercises	PB 17.3, Q1
	Review answers	
	Shading percentages	OS 17.5
	Exercises	PB 17.3, Q5
	Set homework	PB 17.3, Q6

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Lesson Plans

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<i>Lesson No.</i>	<i>Suggested Plan</i>	<i>References</i>
5.	Percentages 2 Discuss homework Finding percentages Exercises Review answers Activity Set homework	 OS 17.7 PB 17.3, Q9 Activity 17.2 (or Activity 17.3) Complete activity
6.	Decimals. Fractions and Percentages Discuss homework Mental games Introduction – interactive Exercises Review answers Mental Test Review answers Set homework	 Activity 17.4 OS 17.8 PB 17.4, Q5 M 17.3 PB 17.4, Q6 or Q10
7.	Revision Test Discuss homework Revision Test	 R 17.3
8.	Recap Give back marked tests Go over test questions interactively Revise topics	