

UNIT 4 *Rounding and Estimating*

## Lesson Plans

**St***These are based on 45/50 minute lessons.*

<i>Lesson No.</i>	<i>Suggested Plan</i>	<i>References</i>
<b>1.</b>	<b>Revision of the Four Rules: Whole Numbers</b>	
	Quick-fire questions	
	Exercises	PB 4.1, Q1
	Review answers	
	Exercises	PB 4.1, Q3
	Review answers	
	Set homework	PB 4.1, Q2 and Q4
<b>2.</b>	<b>Revision of the Four Rules: Multiplication</b>	
	Discuss homework	
	Quick-fire questions	
	Exercises	PB 4.1, Q5
	Review answers	
	Exercises	PB 4.1, Q8
	Review answers	
	Set homework	PB 4.1, Q6 and Q9
<b>3.</b>	<b>Revision of the Four Rules: Decimals 1</b>	
	Discuss homework	
	Introduction	OS 4.1
	Exercises	PB 4.2, Q1
	Review answers	
	Exercises	PB 4.2, Q2
	Review answers	
	Set homework	Activity 4.1 or Activity 4.2
<b>4.</b>	<b>Revision of the Four Rules: Decimals 2</b>	
	Discuss homework	
	Introduction	OS 4.1
	Exercises	PB 4.2, Q3
	Review answers	
	Exercises	PB 4.2, Q4
	Review answers	
	Set homework	PB 4.2, Q8

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<i>Lesson No.</i>	<i>Suggested Plan</i>	<i>References</i>
<b>5.</b>	<b>Order of Operations</b>	
	Discuss homework	
	Introduction	OS 4.2
	Exercises	PB 4.3, Q1
	Review answers	
	Equivalent expressions	OS 4.4
	Exercises	PB 4.3, Q2
	Review answers	
	Set homework	PB 4.3, Q4
<b>6.</b>	<b>Problems in Context</b>	
	Discuss homework	
	Introductory example	OS 4.5
	Exercises	PB 4.4, Q1
	Review answers	
	Exercises	PB 4.4, Q2
	Review answers	
	Exercises	PB 4.4, Q3
	Review answers	
	Set homework	PB 4.4, Q4 and Q5
<b>7.</b>	<b>Rounding</b>	
	Discuss homework	
	Introduction - interactive	OS 4.6
	Exercises	PB 4.5, Q1 and Q2
	Review answers	
	Significant figures	OS 4.7
	Exercises	PB 4.5, Q5
	Review answers	
	Set homework	PB 4.5, Q6 and Q7
<b>8.</b>	<b>Estimating</b>	
	Discuss homework	
	Introduction	First two examples of OS 4.8
	Exercises	PB 4.6, Q1
	Review answers	
	Mental Test	M 4.1
	Review answers	
	Set homework	PB 4.6, Q2 and Q3

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<i>Lesson No.</i>	<i>Suggested Plan</i>	<i>References</i>
<b>9.</b>	<b>Revision Test</b> Discuss homework Revision Test	RT 4.1
<b>10.</b>	<b>Recap</b> Give back marked tests Go over test questions interactively Revise topics	

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<i>Lesson No.</i>	<i>Suggested Plan</i>	<i>References</i>
<b>1.</b>	<b>Revision of the Four Rules: Whole Numbers</b>	
	Quick-fire questions	
	Revise forgotten methods	
	Exercises	Select from PB 4.1
	Review answers	
	Set homework	Select from PB 4.1
<b>2.</b>	<b>Revision of the Four Rules: Decimals</b>	
	Discuss homework	
	Introduction	OS 4.1
	Exercises	Select from PB 4.2
	Review answers	
	Activity	Activity 4.1 or Activity 4.2
	Set homework	Complete Activity 4.1 or Activity 4.2
<b>3.</b>	<b>Order of Operations</b>	
	Discuss homework	
	Introduction	OS 4.2
	Exercises	PB 4.3, Q1
	Review answers	
	Equivalent expressions	OS 4.4
	Exercises	PB 4.3, Q2
	Review answers	
	Set homework	PB 4.3, Q4
<b>4.</b>	<b>Brackets</b>	
	Discuss homework	
	True or false?	OS 4.3
	Exercises	PB 4.3, Q5
	Review answers	
	Exercises	PB 4.3, Q7
	Review answers	
	Set homework	PB 4.3, Q8 and Q9

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## Lesson Plans



<i>Lesson No.</i>	<i>Suggested Plan</i>	<i>References</i>
<b>5.</b>	<b>Problems in Context</b>	
	Discuss homework	
	Introductory example	OS 4.5
	Exercises	PB 4.4, Q1
	Review answers	
	Exercises	PB 4.4, Q2
	Review answers	
	Exercises	PB 4.4, Q3
	Review answers	
	Set homework	PB 4.4, Q4 and Q5
<b>6.</b>	<b>Rounding</b>	
	Discuss homework	
	Introduction - interactive	OS 4.6
	Exercises	PB 4.5, Q4 and Q5
	Review answers	
	Activity	Activity 4.3
	Set homework	PB 4.5, Q6, Q7 and Q10
<b>7.</b>	<b>Estimating</b>	
	Discuss homework	
	Introduction - interactive	OS 4.8
	Exercises	PB 4.6, Q1
	Review answers	
	Exercises	PB 4.6, Q6
	Review answers	
	Mental Test	M 4.2
	Review answers	
	Set homework	PB 4.6, Q5
<b>8.</b>	<b>Calculator Logic</b>	
	Discuss homework	
	Introduction	
	Exercises	PB 4.7, Q1
	Review answers	
	Exercises	PB 4.7, Q2
	Review answers	
	Set homework	Activity 4.4 or PB 4.7, Q4

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**A**

<i>Lesson No.</i>	<i>Suggested Plan</i>	<i>References</i>
<b>9.</b>	<b>Revision Test</b> Discuss homework Revision Test	RT 4.2
<b>10.</b>	<b>Recap</b> Give back marked tests Go over test questions interactively Revise topics	

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## Lesson Plans

<b>E</b>
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<i>Lesson No.</i>	<i>Suggested Plan</i>	<i>References</i>
<b>1.</b>	<b>Revision of the Four Rules: Decimals</b>	
	Discuss homework	
	Introduction	OS 4.1
	Exercises	Select from PB 4.2
	Review answers	
	Activity	Activity 4.1 or Activity 4.2
	Set homework	Complete Activity 4.1 or Activity 4.2
<b>2.</b>	<b>Order of Operations</b>	
	Discuss homework	
	Introduction	OS 4.2
	Exercises	PB 4.3, Q1
	Review answers	
	Equivalent expressions	OS 4.4
	Exercises	PB 4.3, Q2
	Review answers	
	Set homework	PB 4.3, Q4
<b>3.</b>	<b>Brackets</b>	
	Discuss homework	
	True or false?	OS 4.3
	Exercises	PB 4.3, Q5
	Review answers	
	Exercises	PB 4.3, Q7
	Review answers	
	Set homework	PB 4.3, Q8 and Q9
<b>4.</b>	<b>Problems in Context</b>	
	Discuss homework	
	Introductory example	OS 4.5
	Exercises	PB 4.4, Q1
	Review answers	
	Exercises	PB 4.4, Q2
	Review answers	
	Exercises	PB 4.4, Q3
	Review answers	
	Set homework	PB 4.4, Q4 and Q5

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## Lesson Plans

## E

<i>Lesson No.</i>	<i>Suggested Plan</i>	<i>References</i>
<b>5.</b>	<b>Rounding</b> Discuss homework Introduction - interactive Exercises Review answers Activity Set homework	OS 4.6 PB 4.5, Q4 and Q5  Activity 4.3 PB 4.5, Q6, Q7 and Q10
<b>6.</b>	<b>Estimating</b> Discuss homework Introduction - interactive Exercises Review answers Exercises Review answers Mental Test Review answers Set homework	OS 4.8 PB 4.6, Q1  PB 4.6, Q6  M 4.3 PB 4.6, Q5
<b>7.</b>	<b>Calculator Logic</b> Discuss homework Introduction Exercises Review answers Exercises Review answers Set homework	PB 4.7, Q1  PB 4.7, Q2  Activity 4.4 or PB 4.7, Q4
<b>8.</b>	<b>Revision Test</b> Discuss homework Revision Test	RT 4.3
<b>9.</b>	<b>Recap</b> Give back marked tests Go over test questions interactively Revise topics	