

UNIT 10 *Probability - Two Events*

## 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>Probability of One Event</b>	
	Introduction - interactive	OS 10.1
	Exercises - interactively	PB 10.1, Q1, Q2 and Q3
	Activity	Activity 10.1
	Exercises	PB 10.1, Q4
	Review answers	
	Set homework	PB 10.1, Q5 and Q6
<b>2.</b>	<b>Outcomes with Two Events</b>	
	Discuss homework	
	Introduction - coin and dice	OS 10.2
	Exercises - interactively	PB 10.2, Q1
	Exercises	PB 10.2, Q2
	Review answers	
	Exercises	PB 10.2, Q4
	Review answers	
	Set homework	Activity 10.2
<b>3.</b>	<b>Two Dice Experiment</b>	
	Discuss homework	
	Mental Test	M 10.1
	Review answers	
	Introduction	OS 10.3 / OS 10.4
	Experimental results for frequency	
	Theoretical frequencies - comparing results	Activity 10.3
	Worked example	PB 10.3, p 175, Example 3
	Set homework	PB 10.2, Q6
<b>4.</b>	<b>Probabilities Using Listings</b>	
	Discuss homework	
	Two coins example	PB 10.3, p 175, Example 2
	Theoretical probabilities for 2-dice experiment	OS 10.4
	Exercises	PB 10.3, Q1
	Review answers	
	Exercises	PB 10.3, Q2
	Review answers	
	Set homework	PB 10.3, Q5 and Q6

# UNIT 10 *Probability - Two Events*

## Lesson Plans

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<i>Lesson No.</i>	<i>Suggested Plan</i>	<i>References</i>
<b>5.</b>	<b>Probabilities Using Tree Diagrams</b> Discuss homework Introduction - interactive Exercises Review answers Exercises Review answers Set homework	OS 10.6 PB 10.4, Q1  PB 10.4, Q2 PB 10.4, Q3
<b>6.</b>	<b>Revision Test</b> Discuss homework Revision Test	RT 10.1
<b>7.</b>	<b>Recap</b> Give back marked tests Go over test questions interactively Revise topics	

# UNIT 10 *Probability - Two Events*

## Lesson Plans



<i>Lesson No.</i>	<i>Suggested Plan</i>	<i>References</i>
<b>1.</b>	<b>Probability of One Event</b>	
	Introduction - interactive	OS 10.1
	Exercises - interactively	PB 10.1, Q1, Q2 and Q3
	Activity	Activity 10.1
	Exercises	PB 10.1, Q4
	Review answers	
	Set homework	PB 10.1, Q5 and Q6
<b>2.</b>	<b>Outcomes with Two Events</b>	
	Discuss homework	
	Introduction - coin and dice	OS 10.2
	Exercises - interactively	PB 10.2, Q1
	Exercises	PB 10.2, Q2
	Review answers	
	Exercises	PB 10.2, Q4
	Review answers	
	Set homework	Activity 10.2
<b>3.</b>	<b>Two Dice Experiment</b>	
	Discuss homework	
	Mental Test	M 10.1
	Review answers	
	Introduction	OS 10.3 / OS 10.4
	Experimental results for frequency	
	Theoretical frequencies - comparing results	Activity 10.3
	Worked example	PB 10.3, p 175, Example 3
	Set homework	PB 10.2, Q6
<b>4.</b>	<b>Probabilities Using Listings</b>	
	Discuss homework	
	Two coins example	PB 10.3, p 175, Example 2
	Theoretical probabilities for 2-dice experiment	OS 10.4
	Exercises	PB 10.3, Q1
	Review answers	
	Exercises	PB 10.3, Q2
	Review answers	
	Set homework	PB 10.3, Q5 and Q6

UNIT 10 *Probability - Two Events*

## Lesson Plans



<i>Lesson No.</i>	<i>Suggested Plan</i>	<i>References</i>
<b>5.</b>	<b>Probabilities Using Tree Diagrams</b>	
	Discuss homework	
	Mental Test	M 10.2
	Review answers	
	Introduction	OS 10.6
	Exercises	PB 10.4, Q1
	Review answers	
	Exercises	PB 10.4, Q3
	Review answers	
	Set homework	Activity 10.4 or PB 10.4, Q4 and Q9
<b>6.</b>	<b>Revision Test</b>	
	Discuss homework	
	Revision Test	RT 10.2
<b>7.</b>	<b>Recap</b>	
	Give back marked tests	
	Go over test questions interactively	
	Revise topics	

UNIT 10 *Probability - Two Events*

## Lesson Plans

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<i>Lesson No.</i>	<i>Suggested Plan</i>	<i>References</i>
<b>1.</b>	<b>Outcomes with Two Events</b>	
	Introduction - coin and dice	OS 10.2
	Exercises	PB 10.2, Q2
	Review answers	
	Two dice experiment	Activity 10.3 or OS 10.3 and OS 10.4
	Exercises	PB 10.2, Q3 and Q4
	Review answers	
	Set homework	PB 10.2, Q6 and Q9
<b>2.</b>	<b>Probabilities Using Listings</b>	
	Discuss homework	
	Two coins example	PB 10.3, p 175, Example 2
	Theoretical probabilities for 2-dice experiment	OS 10.4
	Exercises	PB 10.3, Q1
	Review answers	
	Exercises	PB 10.3, Q2
	Review answers	
	Set homework	PB 10.3, Q5 and Q6
<b>3.</b>	<b>Probabilities Using Tree Diagrams</b>	
	Discuss homework	
	Mental Test	M 10.2
	Review answers	
	Introduction	OS 10.6
	Exercises	PB 10.4, Q1
	Review answers	
	Exercises	PB 10.4, Q3
	Review answers	
	Set homework	Activity 10.4 or PB 10.4, Q4, Q9 and Q13
<b>4.</b>	<b>Conditional Probability</b>	
	Discuss homework	
	Introduction to replacement / non-replacement	OS 10.7
	Exercises	PB 10.5, Q1
	Review answers	
	Exercises	PB 10.5, Q3
	Review answers	
	Mental Test	M 10.3
	Review answers	
	Set homework	PB 10.5, Q2 and Q9

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**UNIT 10** *Probability - Two Events***Lesson Plans****E**

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<i>Lesson No.</i>	<i>Suggested Plan</i>	<i>References</i>
<b>5.</b>	<b>Revision Test</b> Discuss homework Revision Test	RT 10.3
<b>6.</b>	<b>Recap</b> Give back marked tests Go over test questions interactively Revise topics	

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