



# Regex Practice Questions

## ▼ Regex Pattern Reference

Pattern	Description
<b>abc...</b>	Letters
<b>123...</b>	Digits
<b>\d</b>	Any Digit
<b>\D</b>	Any Non-digit character
<b>.</b>	Any Character
<b>.</b>	Period
<b>[abc]</b>	Only a, b, or c
<b>[^abc]</b>	Not a, b, nor c
<b>[a-z]</b>	Characters a to z
<b>[0-9]</b>	Numbers 0 to 9
<b>\w</b>	Any Alphanumeric character
<b>\W</b>	Any Non-alphanumeric character
<b>{m}</b>	m Repetitions
<b>{m,n}</b>	m to n Repetitions
<b>*</b>	Zero or more repetitions
<b>+</b>	One or more repetitions
<b>?</b>	Optional character

Pattern	Description
\s	Any Whitespace
\S	Any Non-whitespace character
^...\$	Starts and ends
(...)	Capture Group
(a(bc))	Capture Sub-group
(.*)	Capture all
(abc def)	Matches abc or def

## ▼ Lesson 1: Introduction

### Exercise 1: Matching characters

Task	Text	
Match	abcdefg	✓
Match	abcde	✓
Match	abc	✓
abc.*		<a href="#">Continue &gt;</a>

### Exercise 1.5: Matching digits

Task	Text	
Match	abc123xyz	✓
Match	define "123"	✓
Match	var g = 123;	✓
(abc def var)(\s \S)\w(\w \s)(xyz \w+123\w )		<a href="#">Continue &gt;</a>

## ▼ Lesson 2: The Dot

### Exercise 2: Matching With Wildcards

Task	Text	
Match	cat.	✓
Match	896.	✓
Match	?=+.	✓
Skip	abc1	

([a-z]{3}|[0-9]{3}|[\W]{3})\.

[Continue >](#)

## ▼ Lesson 3: Matching Specific Characters

### Exercise 3: Matching Characters

Task	Text	
Match	can	✓
Match	man	✓
Match	fan	✓
Skip	dan	
Skip	ran	
Skip	pan	

[cmf]an

[Continue >](#)

## ▼ Lesson 4: Excluding specific characters

### Exercise 4: Excluding characters

Task	Text	
Match	hog	✓
Match	dog	✓
Skip	bog	

[^b]og

[Continue >](#)

## ▼ Lesson 5: Character Ranges

### Exercise 5: Matching Character Ranges

Task	Text
Match	Ana
Match	Bob
Match	Cpc
Skip	aax
Skip	bby
Skip	ccz



[A-Z][a-z]{2}

Continue >

## ▼ Lesson 6: Catching some zzz's

### Exercise 6: Matching repeated characters

Task	Text
Match	wazzzzup
Match	wazzup
Skip	wazup



wa[z]{3,5}up

Continue >

## ▼ Lesson 7: Mr. Kleene, Mr. Kleene

### Exercise 7: Matching repeated characters

Task	Text
Match	aaaabcc
Match	aabbbbc
Match	aacc
Skip	a



a{2,4}b\*c+

Continue >

## ▼ Lesson 8: Characters optional

### Exercise 8: Matching optional characters

Task	Text	
Match	1 file found?	✓
Match	2 files found?	✓
Match	24 files found?	✓
Skip	No files found.	
<code>[0-9]*\sfiles?\sfound\?</code>		<a href="#">Continue &gt;</a>

## ▼ Lesson 9: All this whitespace

### Exercise 9: Matching whitespaces

Task	Text	
Match	1. abc	✓
Match	2. abc	✓
Match	3. abc	✓
Skip	4.abc	
<code>[0-9]\.\s+abc</code>		<a href="#">Continue &gt;</a>

## ▼ Lesson 10: Starting and ending

### Exercise 10: Matching Lines

Task	Text	
Match	Mission: successful	✓
Skip	Last Mission: unsuccessful	
Skip	Next Mission: successful upon capture of target	
<code>^Mission..successful\$</code>		<a href="#">Continue &gt;</a>

## ▼ Lesson 11: Match groups

### Exercise 11: Matching groups

Task	Text	Capture Groups
Capture	file_record_transcript.pdf	[file_record_transcript] <input checked="" type="checkbox"/>
Capture	file_07241999.pdf	[file_07241999] <input checked="" type="checkbox"/>
Skip	testfile_fake.pdf.tmp	
<code>^(file.+)\.pdf\$</code>		<a href="#">Continue &gt;</a>

## ▼ Lesson 12: Nested groups

### Exercise 12: Matching Nested Groups

Task	Text	Capture Groups
Capture	Jan 1987	[Jan 1987] [1987] <input checked="" type="checkbox"/>
Capture	May 1969	[May 1969] [1969] <input checked="" type="checkbox"/>
Capture	Aug 2011	[Aug 2011] [2011] <input checked="" type="checkbox"/>
<code>^([A-z]{3}\s([0-9]{4}))</code>		<a href="#">Continue &gt;</a>

## ▼ Lesson 13: More group work

### Exercise 13: Matching Nested Groups

Task	Text	Capture Groups
Capture	1280x720	[1280] [720] <input checked="" type="checkbox"/>
Capture	1920x1600	[1920] [1600] <input checked="" type="checkbox"/>
Capture	1024x768	[1024] [768] <input checked="" type="checkbox"/>
<code>(\d{4})x(\d{3,4})</code>		<a href="#">Continue &gt;</a>

## ▼ Lesson 14: It's all conditional

### Exercise 14: Matching conditional text

Task	Text	
Match	I love cats	✓
Match	I love dogs	✓
Skip	I love logs	
Skip	I love cogs	
I love (cats dogs)		Continue >

## ▼ Lesson 15: Other special characters

## Exercise 15: Matching other special characters

Task	Text	
Match	The quick brown fox jumps over the lazy dog.	✓
Match	There were 614 instances of students getting 90.0% or above.	✓
Match	The FCC had to censor the network for saying &\$#*!.	✓
<input type="text" value="^The(\s [a-z]{2})([A-Z a-z]{2,5} \s).+\\$"/>		<a href="#">Continue &gt;</a>
Solution This lesson is more of a sandbox for you to play with some sample text. The lazy solution to this, can be the simple expression ':*' :)		

 I call MYSELF out here, lol, I got a little bored so... =]