

#	Question	Regex
1	Match a lowercase letter	[a-z]
2	Match <b>dog</b> at start of line	^dog
3	Match <b>end</b> at end of line	end\$
4	Match any 3-digit number	\d{3}
5	Match a word starting with capital letter	[A-Z] [a-z]*
6	Match email username (email@)	[a-zA-Z0-9._%+-]+@
7	Match comma-separated words	\w+, \w+
8	Match words containing <b>one digit</b>	\b\w*\d\w*\b
9	Match valid year (1900–2099)	(19 20)\d{2}
10	Match lowercase word without digits	\b[a-z]+[^\\d][a-z]+\b
11	Match phone number (123-456-7890)	\d{3}-\d{3}-\d{4}
12	Match quoted text	"[^"]*"
13	Match HTML tags (</head>)	<\\/[a-z][^>]*>
14	Match number divisible by 2	\b\d*[02468]\b
15	Match a 4-digit PIN	\b\d{4}\b
16	Match lines starting with # (comments)	^\#.*
17	Match words with <b>only lowercase letters</b>	\b[a-z]+\b
18	Match currency amounts (\$100, \$45.50)	\\$\d+\\.\\d{2})?
19	Match file names ending with .txt or .csv	\b\w+\\.\\(txt csv)\\b
20	Match words with exactly 5 letters	\b[a-zA-Z]{5}\\b
21	Match a string with only letters and spaces	^[A-Za-z ]+\$
22	Match a word that ends with ing	\b\\w+ing\\b
23	Match a word that starts with un	\bun\\w+\\b
24	Match dates in format DD/MM/YYYY	\b\\d{2}\\d{2}\\d{4}\\b
25	Match a valid username (letters + digits, 5–15 chars)	^[a-zA-Z0-9]{5,15}\$
26	Match sentences ending with . ! or ?	.*[.!?]\\\$
27	Match numbers with optional decimal part	\b\\d+(\\.\\d+)?\\b
28	Match file names ending with <b>.pdf or .docx</b>	\b\\w+\\.\\(pdf docx)\\b
29	Match an optional country code in phone number	(\\+\\d{1,3}\\s?)?\\d{10}
30	Match words that <b>do NOT contain vowels</b>	\b[^aeiouAEIOU\\s]+\\b