

# HTTP Methods Worksheet - EASY

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**Word Bank is at the bottom for questions 1, 2, 3, and 8.**

## Instructions

1. What are the two most common HTTP Methods?
2. What are the next three most common (total of five with question 1) HTTP Methods?
3. For each of the 5 major HTTP Methods, fill in the table:

Method	Question	Answer
	What does it do?	
	How do you pass data?	

	Typical CRUD Companion?	
	Example Use Case	
	Example API Call	

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4. What's the difference between a *get* request and a *head* request?
5. What's the difference between a *post* request and a *put* request?
6. Does the type of request enforce its behavior?



7. Does every API support all http methods?

8. What are the remaining request types we haven't mentioned?

They are:

- \_\_\_\_\_ - like a get request, but doesn't return a body
- \_\_\_\_\_ - establishes a tunnel to the server
- \_\_\_\_\_ - describes methods for communicating with an API. (i.e supports, Get, Head, Post, etc).
- \_\_\_\_\_ - Used mainly for debugging, performs a message loop-back test

### Word Bank!

The word bank applies to question 1, 2, the method and answer columns of question 3, and the blanks of question 8. Selections may be used multiple times.

Delete	<i>DELETE</i> <i>https://www.myserver.com/blog/delete-post?id=1</i>	Update/Modify
Get a list of orders belonging to a user	Post	Get
<i>PATCH</i> <i>https://www.myserver.com/blog/add-post?postId=1</i> <i>Content-Type: application/json</i> <i>Body: {</i> <i>"title": "OH YEAH BABY - first post!",</i> <i>}</i>	<i>GET</i> <i>https://www.myserver.com/orders?customerid=1234</i>	<i>POST</i> <i>https://www.myserver.com/blog/add-post</i> <i>Content-Type: application/json</i> <i>Body: {</i> <i>"blog_id": 1234,</i> <i>"title": "first post!",</i> <i>"blog_content": "this is my first blog post"</i> <i>}</i>
Put	Delete a blog post	Upload a post to a blog

<ul style="list-style-type: none"> <li>- Supply a Content-Type in your header</li> <li>- Supply a request body with data in the same format as supplied by your header</li> <li>- Query parameters typically aren't used</li> </ul>	Head	Patch
Sends data to a server; multiple requests of same values result in multiple actions on the recipient (i.e. multiple orders placed)	You don't really pass data, just query parameters to specify what data to retrieve.	You don't really pass data, just query parameters to specify what data to retrieve.
<ul style="list-style-type: none"> <li>- Supply a Content-Type in your header</li> <li>- Supply a request body with data in the same format as supplied by your header</li> <li>- Query parameters may be used</li> </ul>	Update/Replace	Options
<ul style="list-style-type: none"> <li>- Supply a Content-Type in your header</li> <li>- Supply a request body with data in the same format as supplied by your header</li> <li>- Query parameters may be used</li> </ul>	Sends data to a server. Multiple requests of same values are idempotent (i.e. only a single order is placed)	<b>PUT</b> <a href="https://www.myserver.com/blog/add-post?postId=1">https://www.myserver.com/blog/add-post?postId=1</a> Content-Type: application/json Body: { "blog_id": 1234, "title": "first post!", "blog_content": "this is my first blog post" }
Asks the server to delete a resource	Connect	Create
Upload a post to a blog, replacing an existing one if it exists at the given path	Partially modify a resource on a server	Read
Change the title of a blog post, but not the body	Retrieves data from a server	Delete
Trace		