**7 kyu**

**Round to nearest 0 or 5**

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Python

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Given an array of numbers, return an array, with each member of input array rounded to a nearest number, divisible by 5.

For example:

roundToFive([34.5, 56.2, 11, 13]);

should return

[35, 55, 10, 15]

Roundings have to be done like "in real life": 22.5 -> 25

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* [falsetru](https://www.codewars.com/users/falsetru)
* **from decimal import Decimal, ROUND\_HALF\_UP**
* **def round\_to\_five(numbers):**

**return [(n/5).quantize(1, ROUND\_HALF\_UP) \* 5 for n in map(Decimal, numbers)]**

* + - Best Practices1
    - Clever1
  + 0
  + [Fork](https://www.codewars.com/kumite/new?group_id=5bd4508685e344f036000b94&review_id=5bcb3f1914e34c045b001eef)
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* [luisgerrarrdo](https://www.codewars.com/users/luisgerrarrdo)

**round\_to\_five = lambda nums: list(map(lambda n: int(round(n/5.)\*5), nums))**

* + - Best Practices1
    - Clever0
  + 0
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* [NeonLeexiang](https://www.codewars.com/users/NeonLeexiang)
* **def round\_to\_five(numbers):**

**return [5\*int(x/5 + 0.5) for x in numbers]**

* + - Best Practices0
    - Clever1
  + 0
  + [Fork](https://www.codewars.com/kumite/new?group_id=5bcbd6c60b96ae28d700082e&review_id=5bcb3f1914e34c045b001eef)
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* [nikky77](https://www.codewars.com/users/nikky77)
* **def round\_to\_five(numbers):**
* **lst = []**
* **for i in numbers:**
* **if i % 5 == 0:**
* **lst.append(i)**
* **elif i % 5 >= 2.5:**
* **lst.append(round(i + 5 - i % 5))**
* **else:**
* **lst.append(round(i - i % 5))**

**return lst**

* + - Best Practices0
    - Clever0
  + 0
  + [Fork](https://www.codewars.com/kumite/new?group_id=5c2cc65fd539a70001bc935d&review_id=5bcb3f1914e34c045b001eef)
  + [Link](https://www.codewars.com/kata/reviews/5bcb3f1914e34c045b001eef/groups/5c2cc65fd539a70001bc935d)
* [nntruong](https://www.codewars.com/users/nntruong)
* **def round5(x):**
* **k,j = (x//5)\*5,x%5**
* **return k+5 if j>=2.5 else k**
* **def round\_to\_five(numbers):**

**return [round5(n) for n in numbers]**