
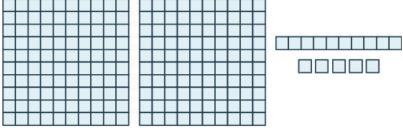


Teachrity take home screening exercise:

Your goal is to extract all the examples from the sample pdf  pre_algebra_sample.pdf .
For instance, for the following example in the book:

EXAMPLE 1.2

Use place value notation to find the value of the number modeled by the base-10 blocks shown.



Solution
There are 2 hundreds squares, which is 200.
There is 1 tens rod, which is 10.
There are 5 ones blocks, which is 5.

$200 + 10 + 5$
215

Digit	Place value	Number	Value	Total value
2	hundreds	2	100	200
1	tens	1	10	10
5	ones	5	1	+ 5
				215

The base-10 blocks model the number 215.

the output should be in the following format:

```
{
example_id: 1.2,
question_text: "Use place value notation to find the value of the
number modeled by the base-10 blocks shown.",
question_images: [<path_to_image_1>, ..., <path_to_image_n>],
solution_text: "There are hundreds squares, which is 200. There is
tens 1 rod, which is 10. There are 5 ones blocks, which is 5."
solution_images: [<path_to_image_1>, ..., <path_to_image_n>]
}
```

The final output should be a jsonl file where each line is a json entry corresponding to an example in the above format. Please submit your fully runnable code via github link or you may also use a [Google Colab](https://colab.research.google.com/) jupyter notebook.