

Name: \_\_\_\_\_

Monday

### Math Practice : Graphs (3.MD.3)

The 3<sup>rd</sup> grade students at Granger Elementary School have been asked by their teacher to collect data on a topic of their choice. They must display their data using a scaled picture graph or a bar graph.

Margaret has decided to collect data on the number of different types of books on her bookshelf. Here is her data: 26 nonfiction books, 10 biography books, 16 fiction books, 7 fantasy books, 13 mystery books, 25 fairytale books

Create a graph in the space below to represent Margaret's data. Answer the questions below.



How many more nonfiction books were read than mystery? \_\_\_\_\_

Were there more biography and nonfiction books or fantasy and fiction books ?

Where there more fantasy and biography books or nonfiction books? \_\_\_\_\_

About how many books were on Margaret's bookshelf? \_\_\_\_\_

What interval was used for this scale? Why? \_\_\_\_\_