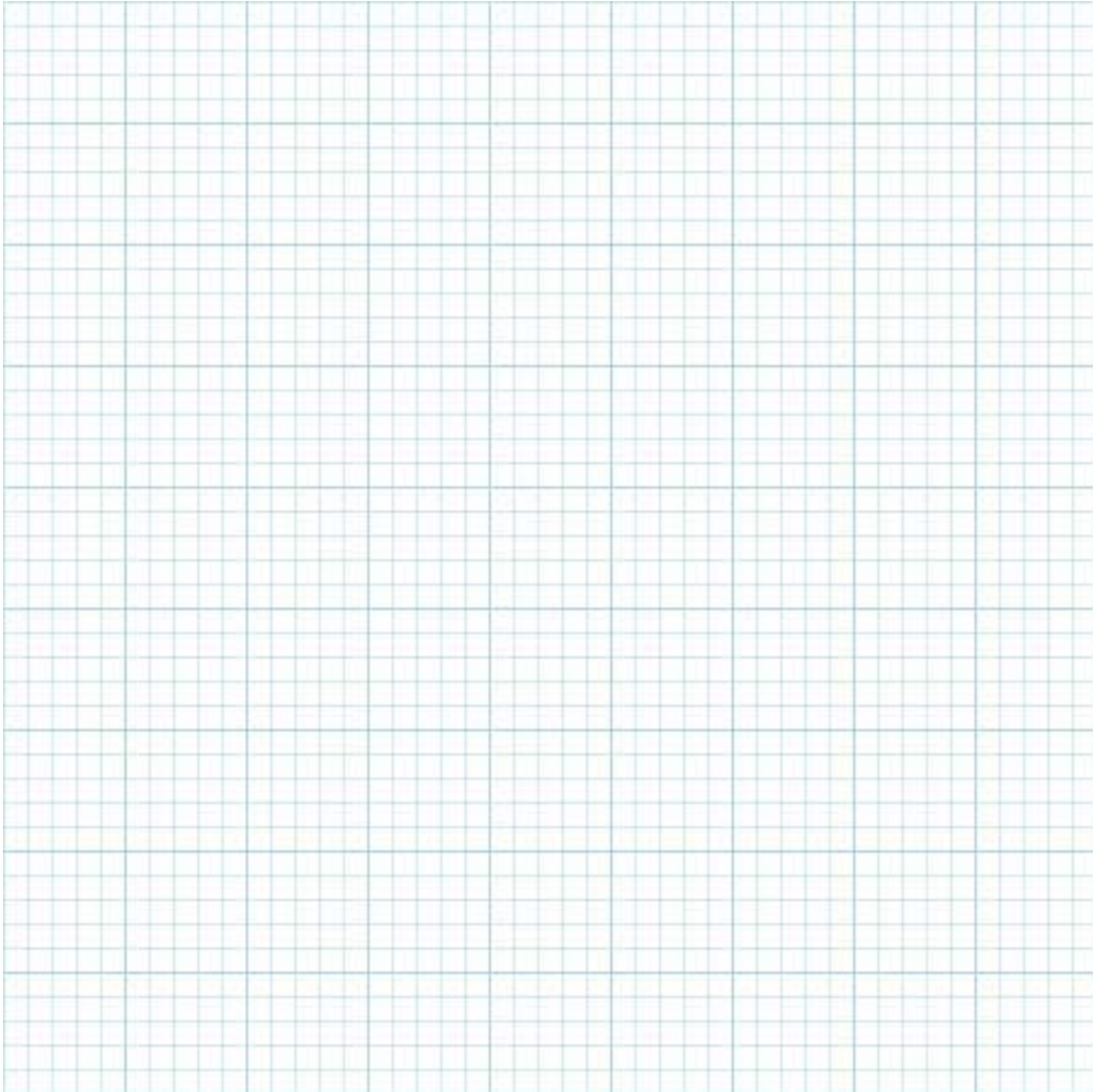


Name _____

Relative Time - Student Worksheet

We are going to see the differences in size of the units we use to measure one day.



Name _____

Relative Time - Student Worksheet

Method

1. Each small square on the graph paper is two seconds
2. Colour in 1 second in **green** in the square at the bottom left corner of the graph paper. What fraction of the square will it be? _____
3. Label this '1 second'.
How many 1 seconds are there in a minute? _____
Do you think we can fit one minute of seconds into this graph paper? _____
How many squares would we need to fill in for one minute?

4. We shall colour one minute worth of seconds in **red** (remember to include the first second).
5. Label this '1 minute'.
Did the minute of seconds fit into the graph paper? _____
Is a second larger or smaller than a minute? _____
What fraction of a minute is a second? _____
How many minutes make an hour? _____
Do you think you will be able to fill in an hour of seconds onto this graph paper? Explain your answer.

Name _____

Relative Time - Student Worksheet

6. Outline a 1 hour block in blue
Guess how many seconds there are in 1 hour.

- a. 6 seconds (1/10 minute)
- b. 60 seconds (1 minute)
- c. 360 seconds (6X60 seconds)
- d. 3,600 seconds (60X60 seconds)



Can we fit a day into this graph? _____

Why do we have a minute hand (and sometimes a second hand) on clocks and watches?
