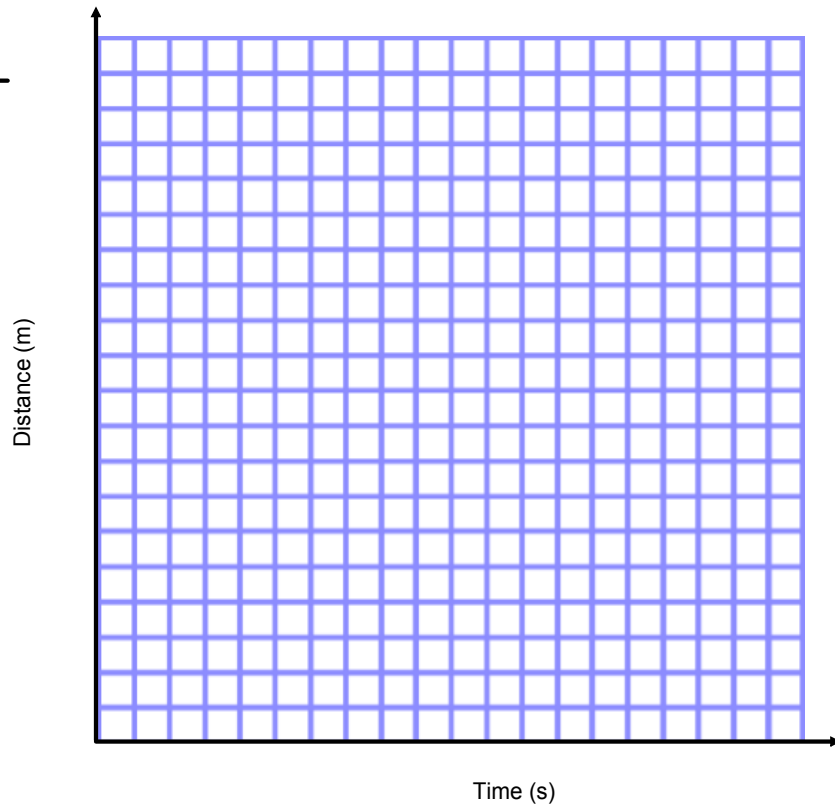


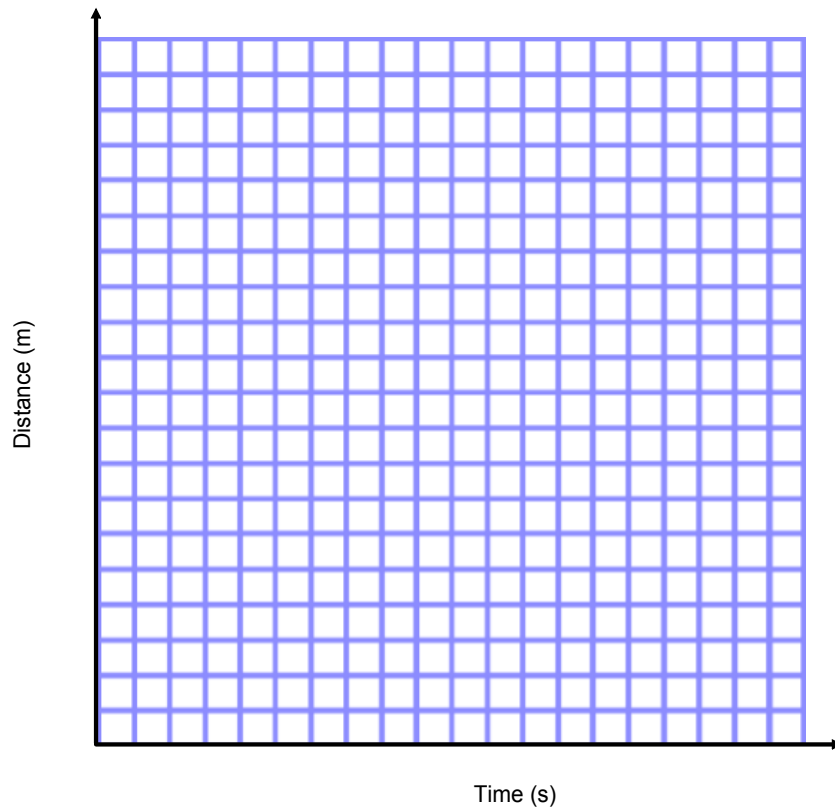
1. Graph the following data and calculate the slope to determine the speed.

| Time | Distance |
|------|----------|
| 0    | 0        |
| 1    | 2        |
| 2    | 4        |
| 3    | 6        |
| 4    | 8        |
| 5    | 10       |
| 6    | 12       |
| 7    | 14       |
| 8    | 16       |



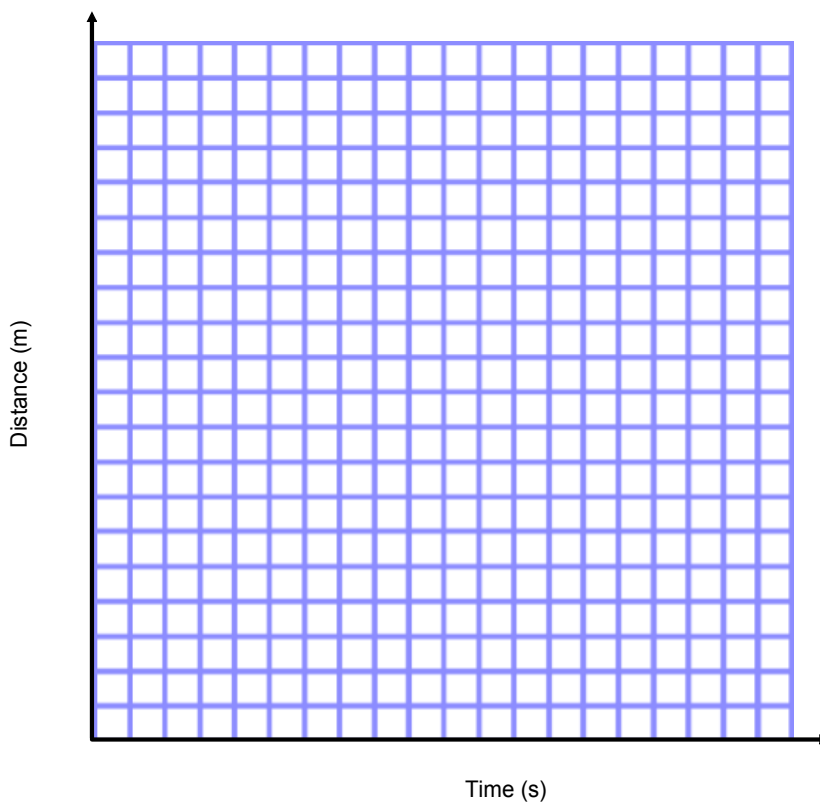
2. Graph the following data and calculate the slope to determine the speed.

| Time | Distance |
|------|----------|
| 0    | 0        |
| 2    | 1.5      |
| 4    | 3.0      |
| 6    | 4.5      |
| 8    | 6.0      |
| 10   | 7.5      |
| 12   | 9.0      |
| 14   | 10.5     |
| 16   | 12       |
| 18   | 13.5     |
| 20   | 15       |
| 22   | 16.5     |
| 24   | 17       |
| 26   | 18.5     |



3. Graph the following data of the distance travelled by two people. Calculate the speed of each person.

| Time | Bob   | Jen  |
|------|-------|------|
| 0    | 0     | 0    |
| 0.5  | 0.75  | 1    |
| 1.5  | 2.25  | 3    |
| 2    | 3     | 4    |
| 2.75 | 4.13  | 5.5  |
| 3.5  | 5.25  | 7    |
| 5.0  | 7.5   | 10   |
| 5.75 | 8.63  | 11.5 |
| 6.5  | 9.75  | 13   |
| 8.75 | 13.13 | 17.5 |
| 10   | 15    | 20   |



4. Complete the following data table and then represent the data on the graph.

| Time | Distance if $v = 0.75 \text{ m/s}$ |
|------|------------------------------------|
| 0    |                                    |
| 2    |                                    |
| 4    |                                    |
| 6    |                                    |
| 8    |                                    |
| 10   |                                    |
| 12   |                                    |
| 14   |                                    |
| 16   |                                    |
| 18   |                                    |
| 20   |                                    |
| 22   |                                    |
| 24   |                                    |
| 26   |                                    |

