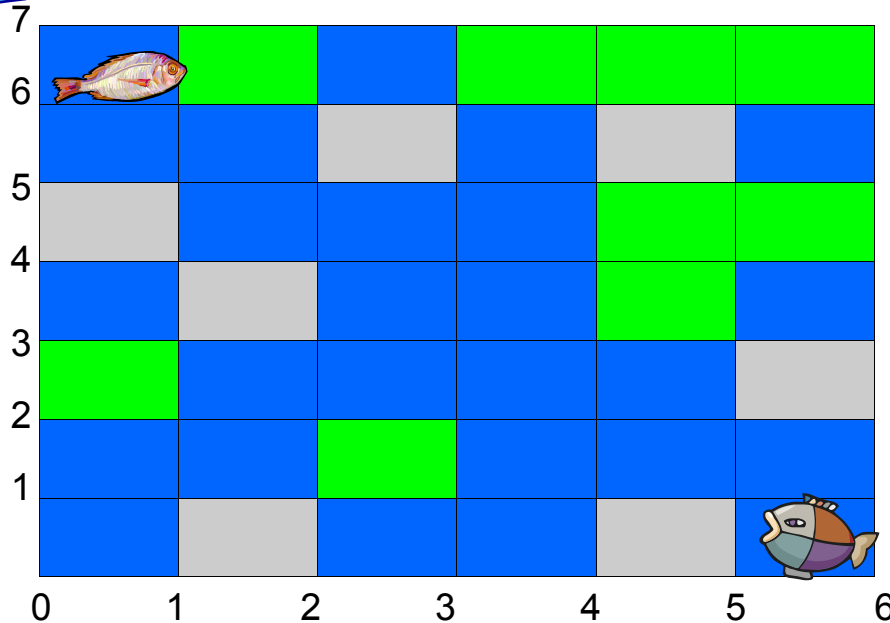


# River Maths

Name \_\_\_\_\_

Date \_\_\_\_\_



Give the coordinates of the plants and rocks. Write them over their squares.

Navigate your fishes across the river, using compass directions such as E2 ,N 1. Don't swim over rock or plant squares.



\_\_\_\_\_

\_\_\_\_\_

2. A river flows from point A 56m from the rivers source to point B 356m from the source if it takes 6 seconds, how fast is the river flowing? **speed = distance in metres divided by time taken in seconds.** Record any working out.

\_\_\_\_\_

\_\_\_\_\_

3. A waterfall is 760m above it's plunge pool, it takes the water 4 seconds to drop this distance, how fast is the water travelling?

\_\_\_\_\_

\_\_\_\_\_

4. The rivers source is at 14,595m above sea level it travels through 2 waterfalls. One is 45m high, the other 150m. If the rest of the river's journey is at the same steepness how many meters does the rest of its journey have to drop to reach sea level(0 meters)? If this takes 1hour(how many seconds?) What is the average rate (or speed) of this drop?

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\_\_\_\_\_