PIO. Energy radiated by an earthquake can be estimated from:

$\log_{10}E\approx 4.8+1.5M,$

where E is an energy radiated by an earthquake (in J) and M is a magnitude (in magnitude scale). Write a function named earthquake taking a list of earthquake dates, locations, and their magnitudes, estimating the radiated energies, and return an argument list with estimated energies as an additional items.

Hint: recall that log10 x = y, therefore 10y = x

Example

When invoke by

```
events = [['2019 02 22 Ecuador', 7.5],
  ['2018 08 19 Fiji', 8.2],
  ['2017 09 08 Mexico', 8.2]]
res = earthquake(events)
print(res)
```

it results