



Weighing dinosaurs

Scientists have gathered the following evidence about dinosaurs.

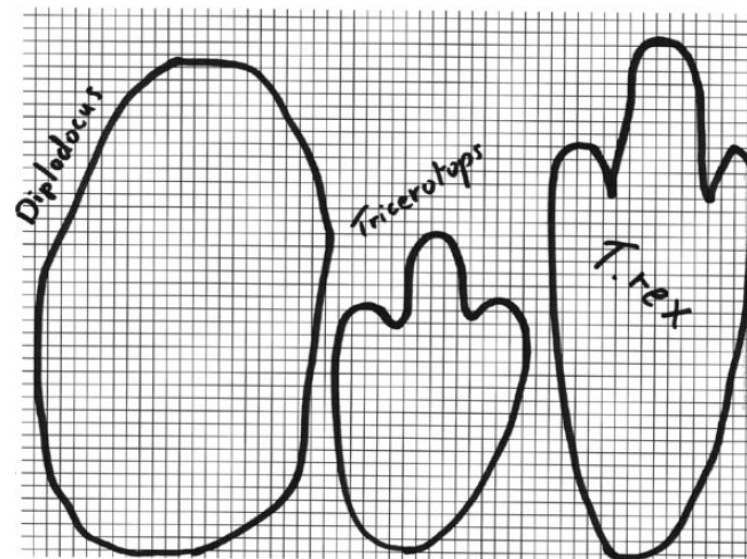
They will use it to estimate the weight of three types of dinosaurs.

Name	Depth of footprint (cm)
Diplodocus	4.5
Tyrannosaurus Rex	2.0
Triceratops	1.0

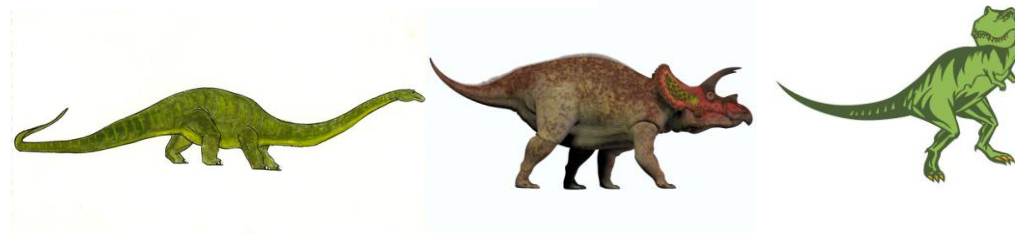
Pressure = Weight (Force) \div Area

10N = 1kg, 1 000kg = 1 tonne

Depth of footprint (cm)	Pressure N/cm ²
0.5	60
1.0	120
1.5	180
2.0	240
2.5	300
3.0	350
3.5	355
4.0	405
4.5	455
5.0	540



One square = 1cm²



How will the scientists use this information to work out the average estimate weight of each dinosaur?