**Parts of a Pool**

The county is building a new pool. The pool has a width of 11 meters. The length of the lap pool is 3 meters more than the diving and shallow areas.



* What is the area of the lap area? Show your work.

* What is the area of the diving section? Show your work
* What is the area of the shallow section? Show your work.
* What is the total area of the pool? Show your work.