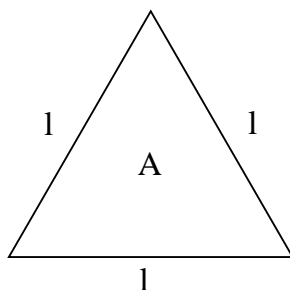


# QUIZ 1

Time: 10min

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1. Express the area of an equilateral triangle as a function of the length of a side.



*Hints:*

- (i) Recall that the area of a triangle is equal to one-half of height times base;
- (ii) Use the Pythagorean theorem to find the height in terms of the length of a side.

*This problem is worth 10 points.*