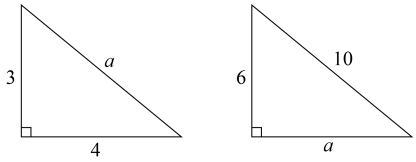
Think Academy

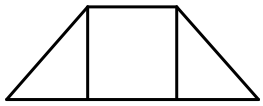
Day 9

1 As shown in figures below, find the length of side a of each right triangle.



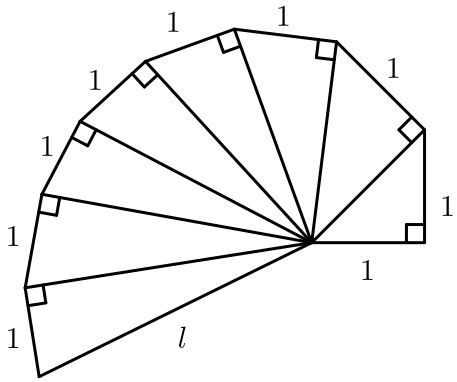
(1) (2)

2 As shown in the figure below, the length of the upper base of the isosceles trapezoid is 3, the length of the lower base is 9, and the height is 4. Then the perimeter of this isosceles trapezoid is _____ .



3 The perimeter of a triangle is 60 m and its side lengths are in the ratio $5:12:13$. The area of the triangle is _____ m^2.

4 As shown in the figure below, find the length of l.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