Solution

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April 29, 2025

Solution 1

$$\sum_{k=1}^{n} k = \frac{n(n+1)}{2}$$

Solution 2

Positive numbers a,b, and c are the side lengths of a triangle if and only if $a + b > c, b + c > a, c + a > b$.

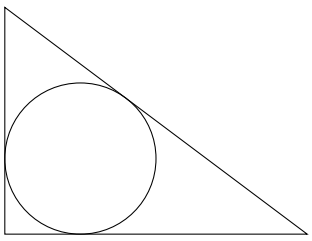
Solution 3

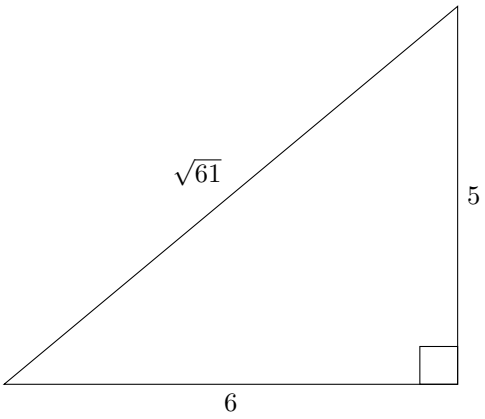
$$\frac{d}{dx}\left(\frac{x}{x+1}\right) = \frac{1}{(x+1)^2}$$

Solution 4

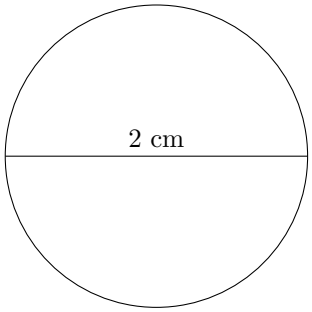
$$1 + 2 = 3$$
$$4 + 5 + 6 = 7 + 8$$
$$9 + 10 + 11 + 12 = 13 + 14 + 15$$

Solution 5





1 circle



Plots