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Geometry ...

Euclidean And Transformational

Geometry Solutions 2 PROBLEMS AND
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GEOMETRY COROLLARY 3. The sum
of any two angles of a triangle is less than
two right angles. 1.9. If all the sides of a
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COROLLARY. The sum of all the interior angles of a polygon of n sides is $(2n - 4)$ right angles. 1.10.

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is precisely this sort of mathematics which is of practical value. — Branko Grunbaum (1929–?) and G. C. Shephard (1926–?)
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mathematical system attributed to Alexandrian Greek mathematician Euclid, which he described in his textbook on geometry: the Elements. Euclid's method consists in assuming a small

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set of intuitively appealing axioms, and deducing many other propositions from these. Although many of Euclid's results had been stated by earlier mathematicians, Euclid was

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the first to show ...

2 PROBLEMS AND
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GEOMETRY COROLLARY 3.

The sum of any two angles of
a triangle is less than two
right angles. 1.9. If all the

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sides of a polygon of n sides are produced in order, the sum of the exterior angles is four right angles.

COROLLARY. The sum of all the interior angles of a polygon of n sides is $(2n - 4)$

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right angles. 1.10.

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