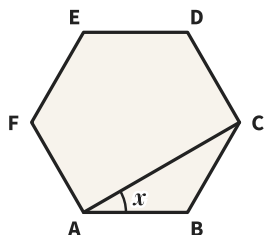


Angles in Regular Polygons

1

ABCDEF is a regular hexagon.
Work out the size of angle x .

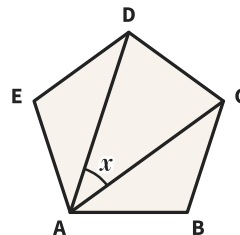


Not drawn accurately

Answer

2

ABCDE is a regular pentagon.
Work out the size of angle x .

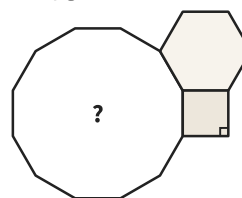


Not drawn accurately

Answer

3

A square, a regular hexagon and another regular polygon fit together round a point with no gap. How many sides has the other polygon?

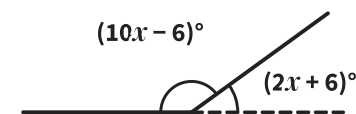


Not drawn accurately

Answer

4

Part of a regular polygon is shown.
How many sides does the polygon have?

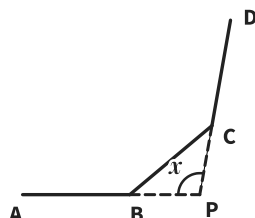


Not drawn accurately

Answer

5

Part of a regular nonagon is shown.
Sides AB and DC are extended to meet at P. Work out the size of angle x .

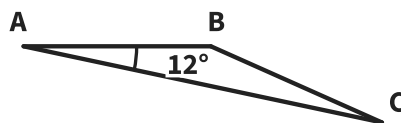


Not drawn accurately

Answer

6

A, B and C are three corners next to each other on a regular polygon.
Angle BAC is 12° . How many sides does the polygon have?

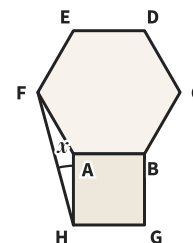


Not drawn accurately

Answer

7

ABCDEF is a regular hexagon and ABGH is a square. Work out the size of angle x .

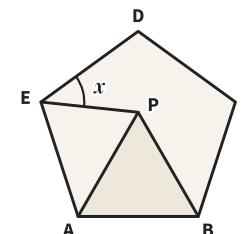


Not drawn accurately

Answer

8

ABCDE is a regular pentagon and ABP is an equilateral triangle. Work out the size of angle x .



Not drawn accurately

Answer