

WORKOUT

POLYGONS

Notice: Sum of the interior angles = $(n-2) \times 180^\circ$

Name: _____ Nos: _____ Grade: 6/_____

Question 1: Find the missing angle in each irregular polygon

(a)

(b)

(c)

(d)

(e)

(f)

(g)

(h)

(i)

(j)

(k)

(l)

Answers in degrees (°)

45	80	130	157	136	125
72	111	125	146	67	127

Question 2: Workout the sum of the interior angles for polygons with

- (a) 10 sides (b) 14 sides (c) 20 sides (d) 45 sides

ANSWER IN DEGREE (°)

3240	7740	1440	2160
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Question 3: Workout the number of sides of polygons with this sum of interior angles.

- (a) 1260° (b) 2880° (c) 3960° (d) 5040°

ANSWER IN SIDES

18	24	30	9
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Click on finished, check your answers and send via **line ID: gpower11**
By **T. OJO**