

POLYGON POINT COUNT

How many polygons can you find in these figures?

Figure 1

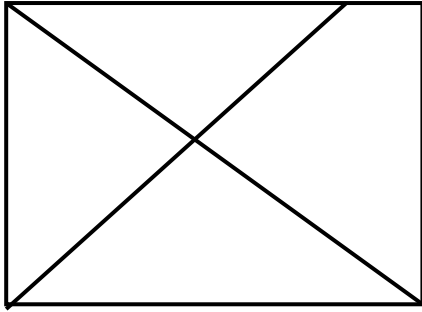
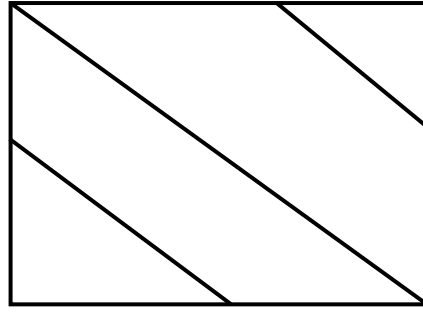
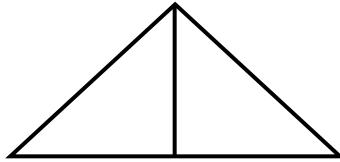


Figure 2



(Hint: Count overlapping polygons. This figure has 3 triangles.)



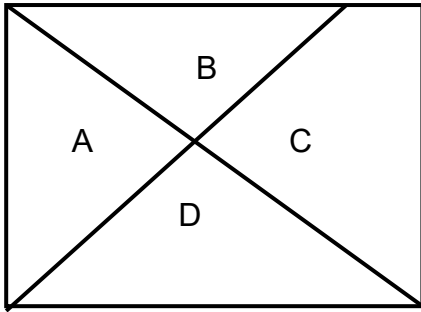
Score points:

- 3 points for each triangle
- 4 points for each quadrilateral
- 5 points for each pentagon
- 6 points for each hexagon

POLYGON POINT COUNT (Solutions)

?

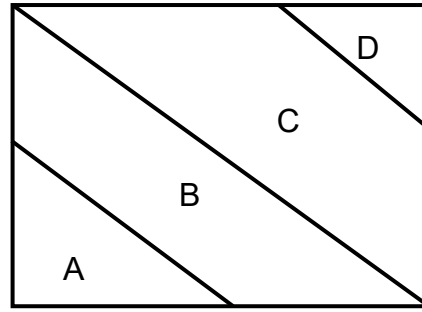
Figure 1



- 6 triangles (A, B, D, AB, AD, BC)
- 3 quadrilaterals (C, CD, ABCD)
- 2 pentagons (ABC, BCD, ABC)
- 1 hexagons (ACD)

Score: 46

Figure 2



- 4 triangles (A, AB, D, CD)
- 3 quadrilaterals (B, C, ABCD)
- 2 pentagons (ABC, BCD)
- 1 hexagon (BC)

Score: 40 points