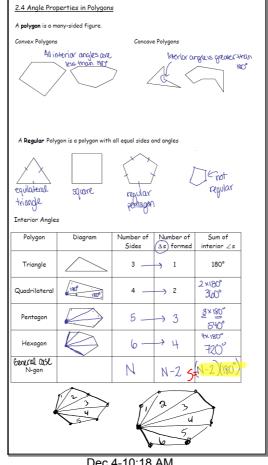
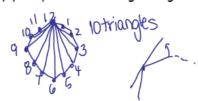


2.4 Page 1



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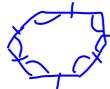
1. Predict the sum of the measures of the interior angle of a dodecagon (12 sides). Verify your prediction using triangles.



2. If the sum of the interior angles of a polygon is 2340°, how many sides does the how many triangles? 2340 = 13 trangles polygon have?

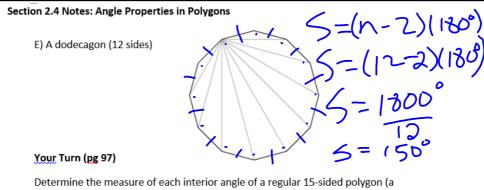
Then there are 13+2=15sid

3. If the polygon is regular, find the measure of each interior angle of an icosagon. (20 sides)





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pentadecagon).

$$S = (N-2)(1800)$$

$$S = (15-2)(1800)$$

$$S = (15-2)(1800)$$

Dec 4-10:48 AM

PM11-2s4-interior.gsp

PM11-2s4-exterior.gsp

2s4e1 finalt.mp4

2s4e2 finalt.mp4

2s4e3 finalt.mp4