

Name: _____

Date _____

Topic : Exterior Angles - Worksheet 1

1. How many degrees are there in the sum of the exterior angles of a regular hexagon?
2. What is the measure of one exterior angle of a regular polygon having 20 sides?
3. If each exterior angle of a regular polygon contains 40° how many sides does the polygon have?
4. Find the number of degrees in each exterior angle of a regular polygon having 16 sides?
5. What is the measure of one exterior angle of a regular polygon having 8 sides?
6. How many degrees are there in the sum of the exterior angles of a 5 sided polygon?
7. Find the number of degrees in each exterior angle of a regular polygon having 18 sides?
8. What is the sum of the exterior angles of a regular pentagon?
9. How many degrees are there in the sum of the exterior angles of a regular polygon having 30 sides?
10. What is the measure of one exterior angle of a regular polygon having 40 sides?



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Topic : Exterior Angles - Worksheet 2

1. How many degrees are there in the sum of the exterior angles of a regular decagon?
2. What is the measure of one exterior angle of a regular polygon having 18 sides?
3. If each exterior angle of a regular polygon contains 36° how many sides does the polygon have?
4. Find the number of degrees in each exterior angle of a regular polygon having 9 sides?
5. What is the measure of one exterior angle of a regular polygon having 12 sides?
6. How many degrees are there in the sum of the exterior angles of a 7 sided polygon?
7. Find the number of degrees in each exterior angle of a regular polygon having 20 sides?
8. What is the sum of the exterior angles of a regular octagon?
9. How many degrees are there in the sum of the exterior angles of a regular polygon having 36 sides?
10. What is the measure of one exterior angle of a regular polygon having 24 sides?



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Topic : Exterior Angles - Worksheet 3

1. How many degrees are there in the sum of the exterior angles of a regular nonagon?
2. What is the measure of one exterior angle of a regular polygon having 16 sides?
3. If each exterior angle of a regular polygon contains 24° how many sides does the polygon have?
4. Find the number of degrees in each exterior angle of a regular polygon having 14 sides?
5. What is the measure of one exterior angle of a regular polygon having 13 sides?
6. How many degrees are there in the sum of the exterior angles of a 8 sided polygon?
7. Find the number of degrees in each exterior angle of a regular polygon having 28 sides?
8. What is the sum of the exterior angles of a regular dodecagon?
9. How many degrees are there in the sum of the exterior angles of a regular polygon having 40 sides?
10. What is the measure of one exterior angle of a regular polygon having 30 sides?



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Topic : Exterior Angles - Worksheet 4

1. How many degrees are there in the sum of the exterior angles of a regular octagon?
2. What is the measure of one exterior angle of a regular polygon having 24 sides?
3. If each exterior angle of a regular polygon contains 20° how many sides does the polygon have?
4. Find the number of degrees in each exterior angle of a regular polygon having 12 sides?
5. What is the measure of one exterior angle of a regular polygon having 14 sides?
6. How many degrees are there in the sum of the exterior angles of a 9 sided polygon?
7. Find the number of degrees in each exterior angle of a regular polygon having 30 sides?
8. What is the sum of the exterior angles of a regular decagon?
9. How many degrees are there in the sum of the exterior angles of a regular polygon having 28 sides?
10. What is the measure of one exterior angle of a regular polygon having 44 sides?



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Topic : Exterior Angles - Worksheet 5

1. How many degrees are there in the sum of the exterior angles of a regular heptadecagon?
2. What is the measure of one exterior angle of a regular polygon having 32 sides?
3. If each exterior angle of a regular polygon contains 36° how many sides does the polygon have?
4. Find the number of degrees in each exterior angle of a regular polygon having 10 sides?
5. What is the measure of one exterior angle of a regular polygon having 15 sides?
6. How many degrees are there in the sum of the exterior angles of a 12 sided polygon?
7. Find the number of degrees in each exterior angle of a regular polygon having 22 sides?
8. What is the sum of the exterior angles of a regular hexagon?
9. How many degrees are there in the sum of the exterior angles of a regular polygon having 20 sides?
10. What is the measure of one exterior angle of a regular polygon having 48 sides?

