

Name: \_\_\_\_\_

Date \_\_\_\_\_

Topic : Each Interior Angle- Worksheet 1

Determine the following:

1. How many sides does a regular polygon have if one of its interior angles measures 140?
2. How many degrees are there in each interior angle of 12 sided polygon?
3. If a regular polygon has 5 sides, how many degrees are there in any one of its angles?
4. If a regular polygon has 18 sides, how many degrees are there in any one of its angles?
5. Find the measure of each interior angle of a octagon.
6. Each interior angle of a regular polygon measures 162. How many sides does the polygon have?
7. How many sides does a regular polygon have if one of its interior angles measures 120?
8. If a regular polygon has 4 sides, how many degrees are there in any one of its angles?
9. Each interior angle of a regular polygon measures 160. How many sides does the polygon have ?
10. If a regular polygon has 18 sides, how many degrees are there in any one of its angles?



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Topic : Each Interior Angle- Worksheet 2

Determine the following:

1. How many sides does a regular polygon have if one of its interior angles measures 144?
2. How many degrees are there in each interior angle of 15 sided polygon?
3. If a regular polygon has 8 sides, how many degrees are there in any one of its angles?
4. If a regular polygon has 20 sides, how many degrees are there in any one of its angles?
5. Find the measure of each interior angle of a decagon.
6. Each interior angle of a regular polygon measures 157.5. How many sides does the polygon have?
7. How many sides does a regular polygon have if one of its interior angles measures 150?
8. If a regular polygon has 5 sides, how many degrees are there in any one of its angles?
9. Each interior angle of a regular polygon measures 171. How many sides does the polygon have ?
10. If a regular polygon has 4sides, how many degrees are there in any one of its angles?



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Topic : Each Interior Angle- Worksheet 3

Determine the following:

1. How many sides does a regular polygon have if one of its interior angles measures 162?
2. How many degrees are there in each interior angle of 8 sided polygon?
3. If a regular polygon has 12 sides, how many degrees are there in any one of its angles?
4. If a regular polygon has 7 sides, how many degrees are there in any one of its angles?
5. Find the measure of each interior angle of a hexagon.
6. Each interior angle of a regular polygon measures 140. How many sides does the polygon have?
7. How many sides does a regular polygon have if one of its interior angles measures 135?
8. If a regular polygon has 12 sides, how many degrees are there in any one of its angles?
9. Each interior angle of a regular polygon measures 156. How many sides does the polygon have ?
10. If a regular polygon has 9 sides, how many degrees are there in any one of its angles?



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Topic : Each Interior Angle- Worksheet 4

Determine the following:

1. How many sides does a regular polygon have if one of its interior angles measures 108?
2. How many degrees are there in each interior angle of 6 sided polygon?
3. If a regular polygon has 16 sides, how many degrees are there in any one of its angles?
4. If a regular polygon has 9 sides, how many degrees are there in any one of its angles?
5. Find the measure of each interior angle of a Heptagon.
6. Each interior angle of a regular polygon measures 144. How many sides does the polygon have?
7. How many sides does a regular polygon have if one of its interior angles measures 168?
8. If a regular polygon has 11 sides, how many degrees are there in any one of its angles?
9. Each interior angle of a regular polygon measures 174. How many sides does the polygon have ?
10. If a regular polygon has 5 sides, how many degrees are there in any one of its angles?



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Topic : Each Interior Angle- Worksheet 5

Determine the following:

1. How many sides does a regular polygon have if one of its interior angles measures 140?
2. How many degrees are there in each interior angle of 12 sided polygon?
3. If a regular polygon has 13 sides, how many degrees are there in any one of its angles?
4. If a regular polygon has 17 sides, how many degrees are there in any one of its angles?
5. Find the measure of each interior angle of a dodecagon.
6. Each interior angle of a regular polygon measures 156. How many sides does the polygon have?
7. How many sides does a regular polygon have if one of its interior angles measures 90?
8. If a regular polygon has 10 sides, how many degrees are there in any one of its angles?
9. Each interior angle of a regular polygon measures 120. How many sides does the polygon have ?
10. If a regular polygon has 15 sides, how many degrees are there in any one of its angles?

