

Attributes of Polygons

All sides are equal in length.

All sides are not equal in length.



Attributes of Polygons

How many **right angles** does each polygon have?



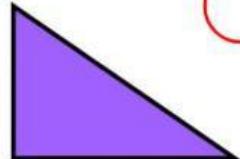
no right angles



1 right angle



3 right angles



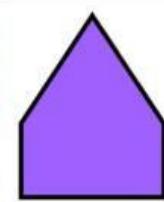
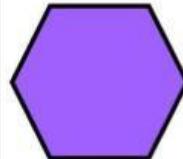
no right angles



3 right angles



6 right angles



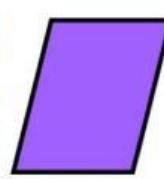
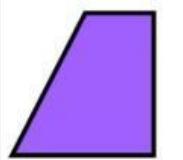
no right angles



2 right angles



4 right angles



no right angles



2 right angles



4 right angles



no right angles



2 right angles



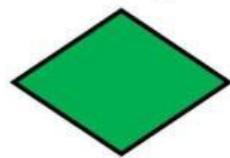
4 right angles

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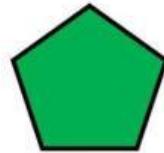


Attributes of Polygons

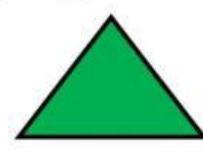
How many **sets of parallel sides** does each polygon have?



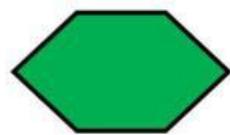
- no sets of parallel sides
- 1 set of parallel sides
- 2 sets of parallel sides



- no sets of parallel sides
- 1 set of parallel sides
- 2 sets of parallel sides



- no sets of parallel sides
- 1 set of parallel sides
- 2 sets of parallel sides



- no sets of parallel sides
- 2 sets of parallel sides
- 3 sets of parallel sides



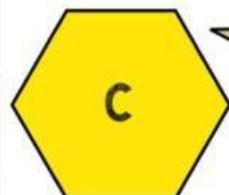
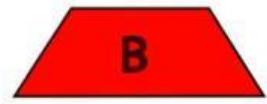
- no sets of parallel sides
- 1 set of parallel sides
- 2 sets of parallel sides



- no sets of parallel sides
- 1 set of parallel sides
- 2 sets of parallel sides

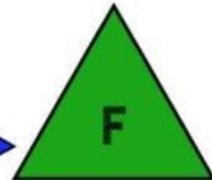
Attributes of Polygons

Attribute	Letters
All sides equal in length	
No right angles	
4 right angles	
No sets of parallel sides	
1 set of parallel sides	
2 sets of parallel sides	
3 sets of parallel sides	



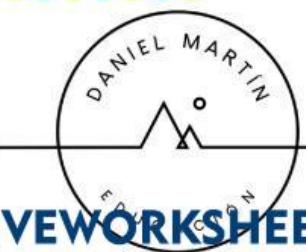
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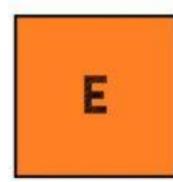
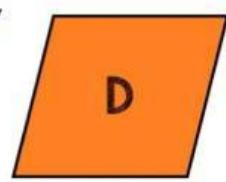
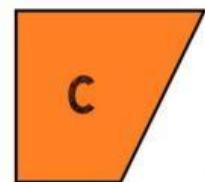
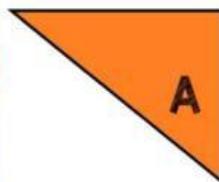


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Attributes of Polygons



All of my sides are equal. I don't have any right angles. I am

All of my sides are not equal. I have four right angles. I am

I have no sets of parallel sides. I have one right angle. I am

All of my sides are equal. All of my angles are right angles. I am

I have one set of parallel sides. I have two right angles. I am

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READ BY YOURSELF. DO YOU UNDERSTAND?

Quadrilaterals

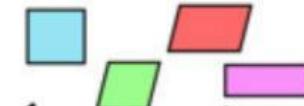
Trapezoid

1 set of parallel lines



Parallelogram

2 set of parallel lines



Rectangle

4 right angles &
2 set of parallel lines



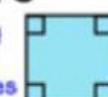
Rhombus

Congruent sides
2 set of parallel lines



Square

Congruent sides, 4
right angles and
2 set of parallel lines



Spotted By

