

Attributes of Polygons

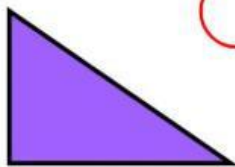
All sides are equal in length.

All sides are not equal in length.



Attributes of Polygons

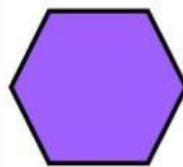
How many **right angles** does each polygon have?



no right angles

1 right angle

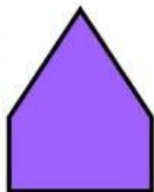
3 right angles



no right angles

3 right angles

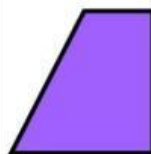
6 right angles



no right angles

2 right angles

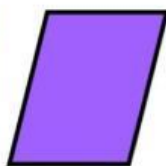
4 right angles



no right angles

1 right angle

2 right angles



no right angles

2 right angles

4 right angles



no right angles

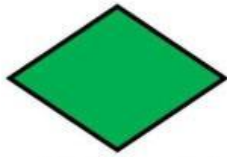
2 right angles

4 right angles

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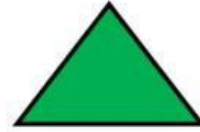
How many **sets of parallel sides** does each polygon have?



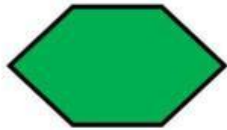
- ☐ no sets of parallel sides
- ☐ 1 set of parallel sides
- ☐ 2 sets of parallel sides



- ☐ 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



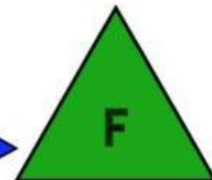
- ☐ no sets of parallel sides
- ☐ 1 set of parallel sides
- ☐ 2 sets of parallel sides



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

Attributes of Polygons

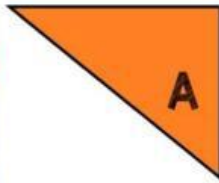
Attribute	Letters
All sides equal in length	
No right angles	
4 right angles	
No sets of parallel sides	
1 set of parallel sides	
2 sets of parallel sides	
3 sets of parallel sides	



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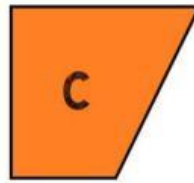
Attributes of Polygons



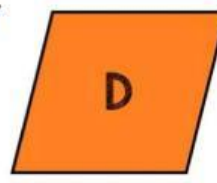
A



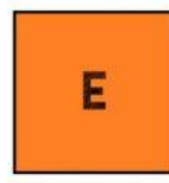
B



C



D



E

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 YOUR SELF. DO YOU UNDERSTAND?

Quadrilaterals

Trapezoid

1 set of parallel lines



Parallelogram

2 set of parallel lines



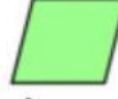
Rectangle

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



Smiles by

