

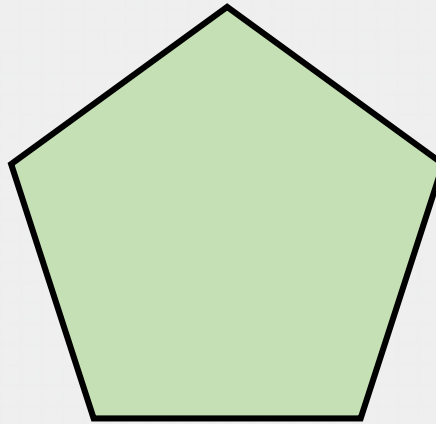
## Introduction

Circle the descriptions which match the shape below.

**Equal sides**

**Fewer than  
4 sides**

**2 pairs of  
parallel lines**



**More than  
4 sides**

**All obtuse  
angles**

**perpendicular  
lines**

## Introduction

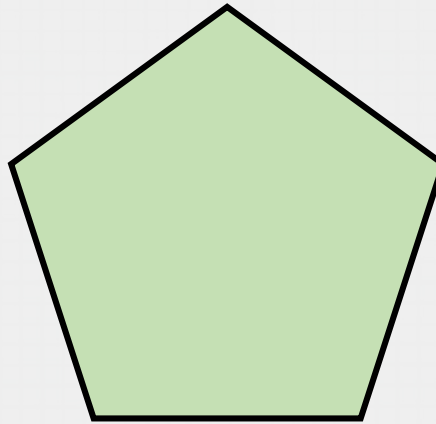
Circle the descriptions which match the shape below.

**Equal sides**

**More than  
4 sides**

Fewer than  
4 sides

**All obtuse  
angles**

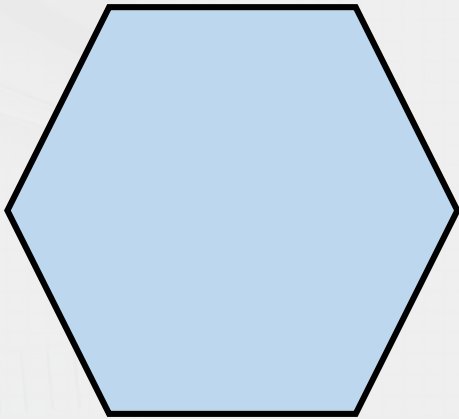


2 pairs of  
parallel lines

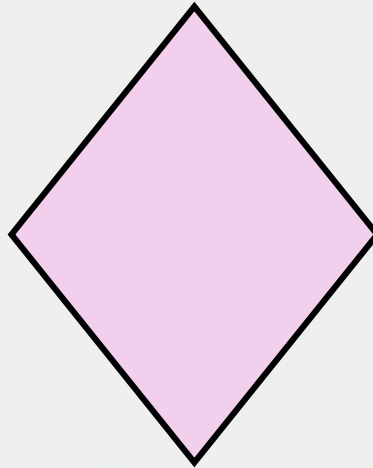
perpendicular  
lines

## Varied Fluency 1

**Label the shapes.**



\_\_\_\_\_



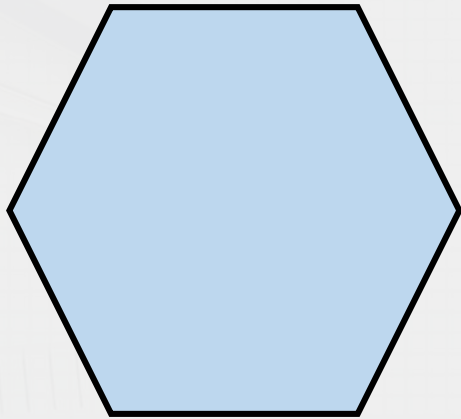
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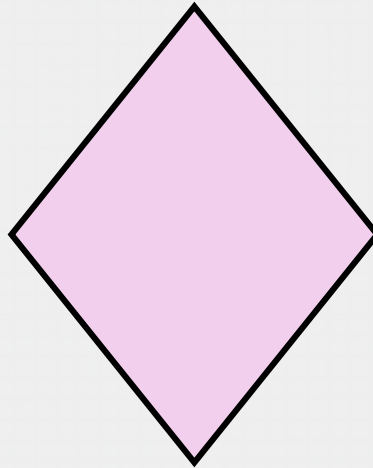
\_\_\_\_\_

## Varied Fluency 1

**Label the shapes.**



**hexagon**



**rhombus**



**right-angle triangle**



## Varied Fluency 2

**Draw the shapes below in your book. Use a ruler.**

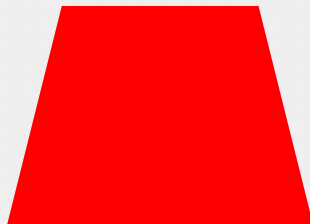
- **A quadrilateral with at least 1 acute angle.**
- **A triangle with 1 set of perpendicular lines.**

## Varied Fluency 2

**Draw the shapes below in your book. Use a ruler.**

- **A quadrilateral with at least 1 acute angle.**

**Various possible answers, for example:**



- **A triangle with 1 set of perpendicular lines.**

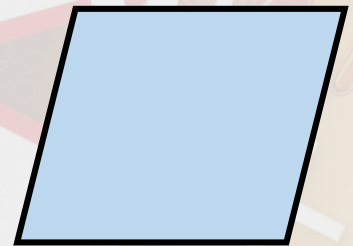
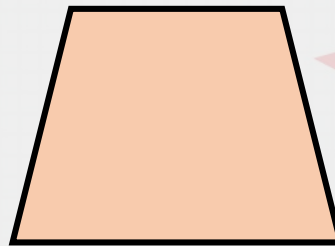
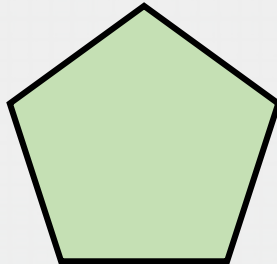
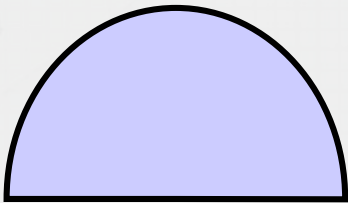
**Various possible answers, for example:**



### Varied Fluency 3

**Circle one shape which matches the description below.**

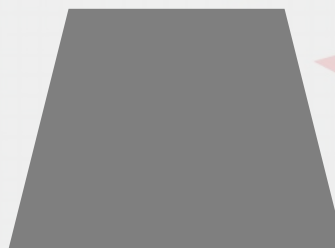
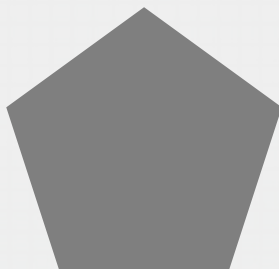
- **Fewer sides than a pentagon.**
- **1 line of symmetry.**
- **No acute angles.**



### Varied Fluency 3

**Circle one shape which matches the description below.**

- **Fewer sides than a pentagon.**
- **1 line of symmetry.**
- **No acute angles.**





### Varied Fluency 4

**I have no parallel lines.**

**I have more than 4 sides.**

**I have less 5 lines of symmetry.**

**I am a \_\_\_\_\_.**

**Now draw me in your book.**

## Varied Fluency 4

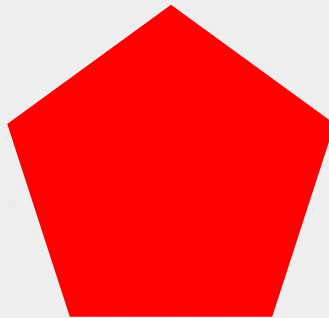
I have no parallel lines.

I have more than 4 sides.

I have less 5 lines of symmetry.

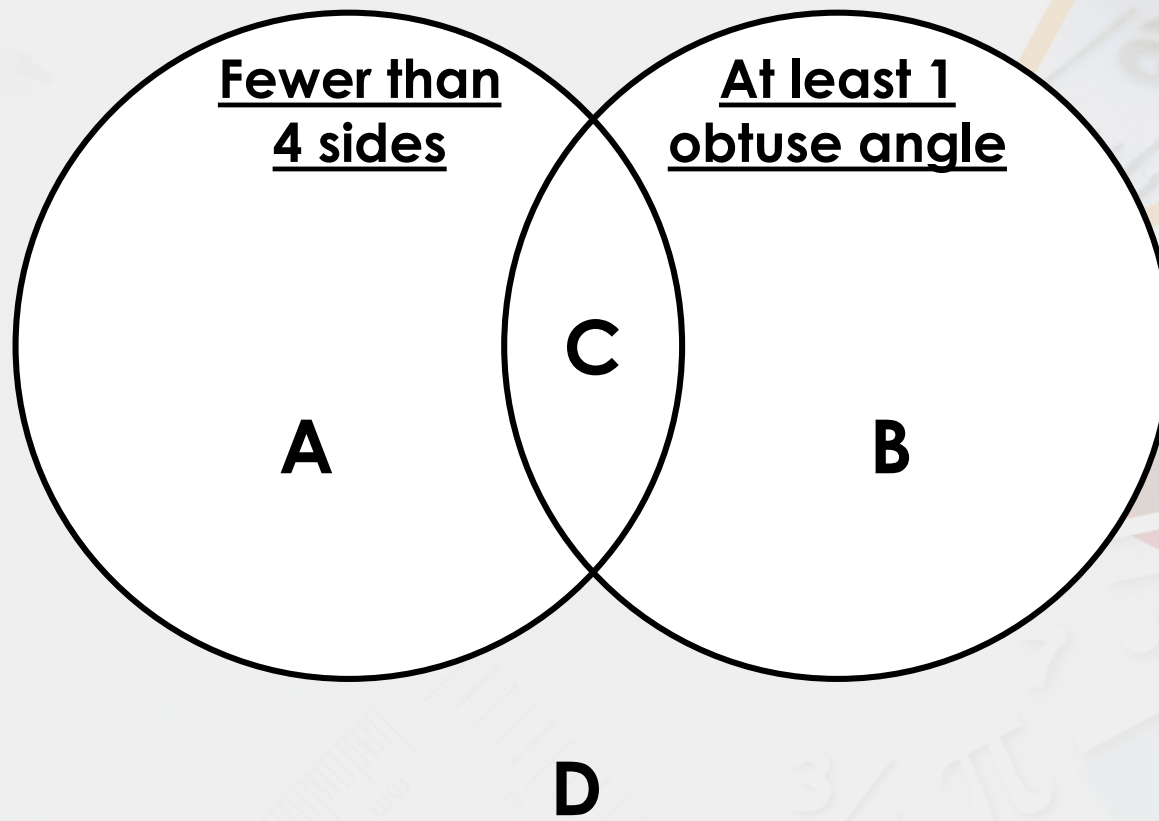
I am a **pentagon**.

Now draw me in your book.



## Problem Solving 1

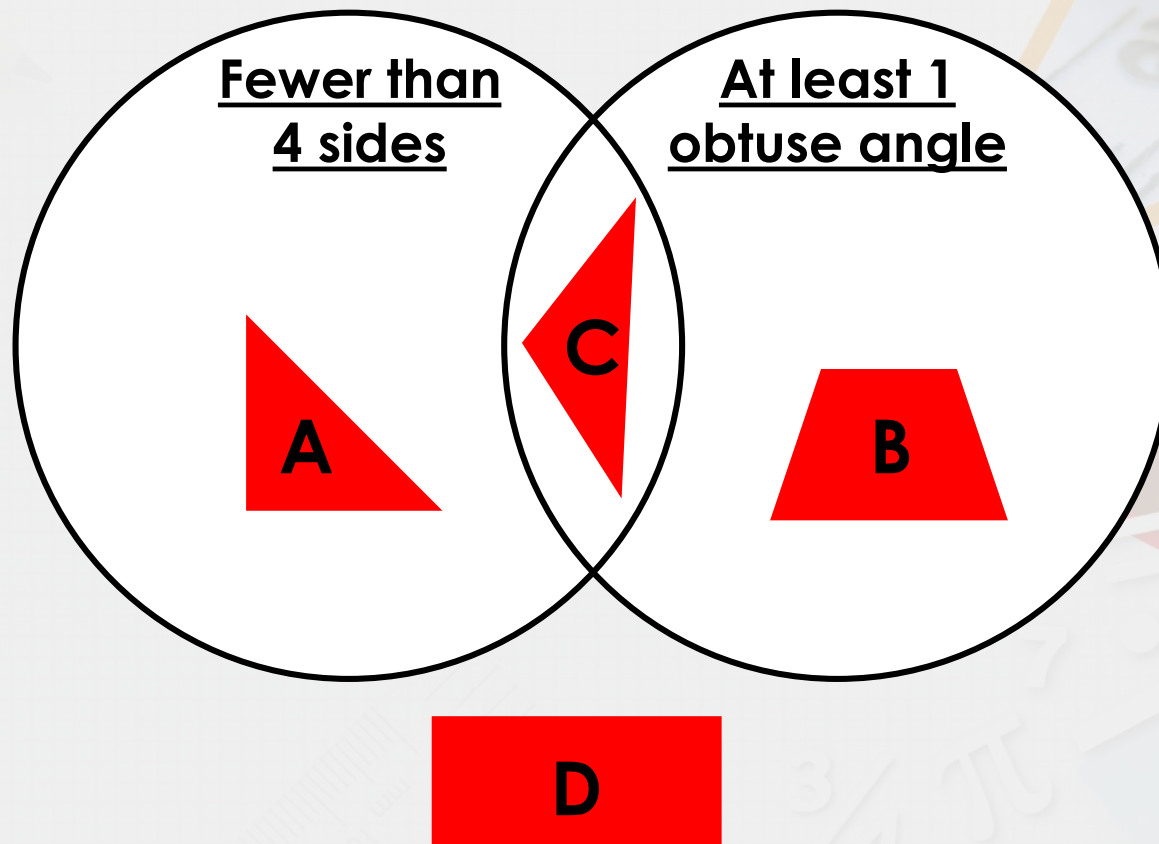
**Draw a shape which could represent each letter in the Venn diagram.**



## Problem Solving 1

Draw a shape which could represent each letter in the Venn diagram.

**Various possible answers, for example:**





Reasoning 1

Always, sometimes, never?

**Quadrilaterals do not  
have acute angles.**

**Explain your answer and draw shapes to prove it.  
Remember to use a ruler.**

Reasoning 1

Always, sometimes, never?

**Quadrilaterals do not  
have acute angles.**

Explain your answer and draw shapes to prove it.  
Remember to use a ruler.

Sometimes because...

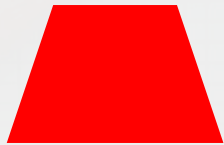
## Reasoning 1

Always, sometimes, never?

# Quadrilaterals do not have acute angles.

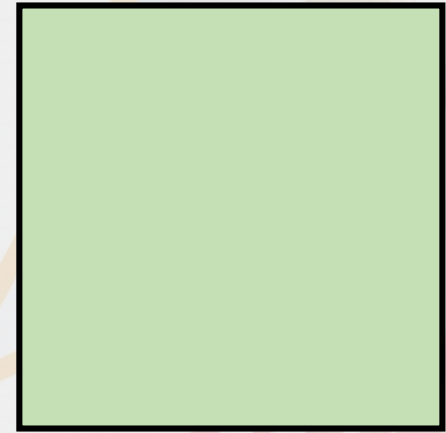
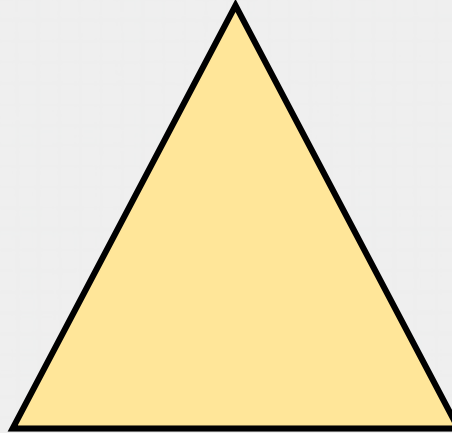
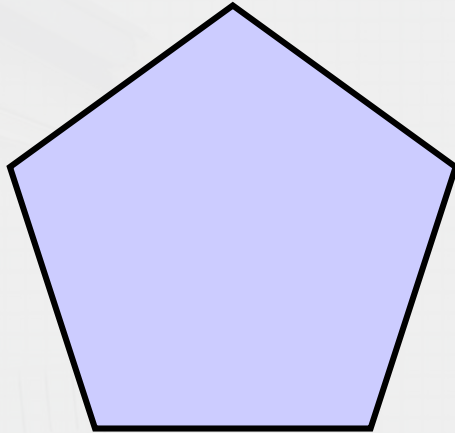
Explain your answer and draw shapes to prove it.  
Remember to use a ruler.

Sometimes because some quadrilaterals have acute angles such as trapeziums or parallelograms. However some quadrilaterals do not have acute angles such as squares and rectangles.



## Reasoning 2

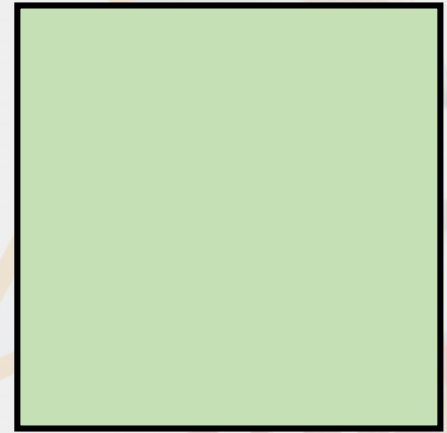
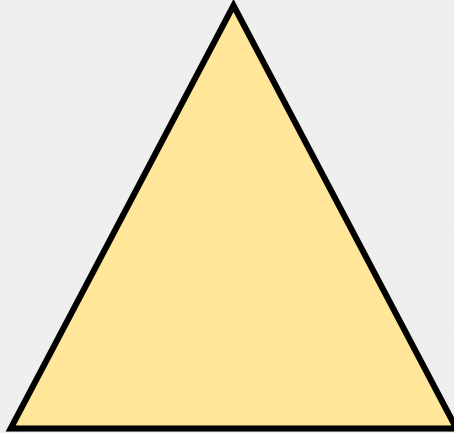
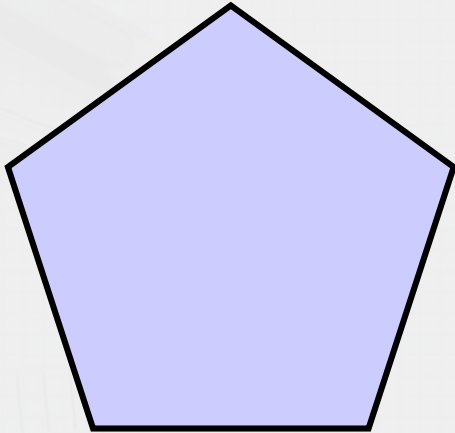
**Explain what is similar about these shapes.**





## Reasoning 2

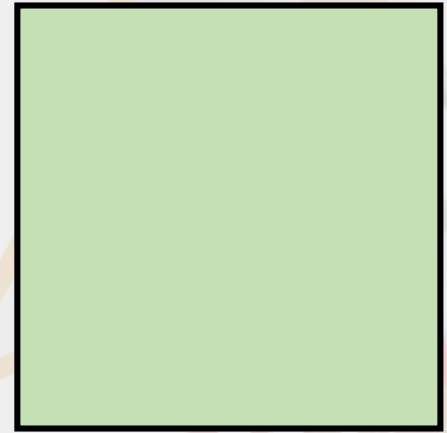
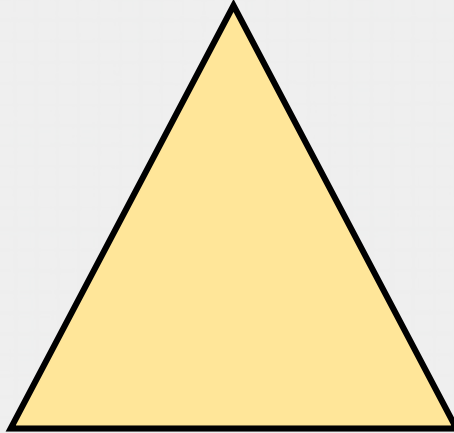
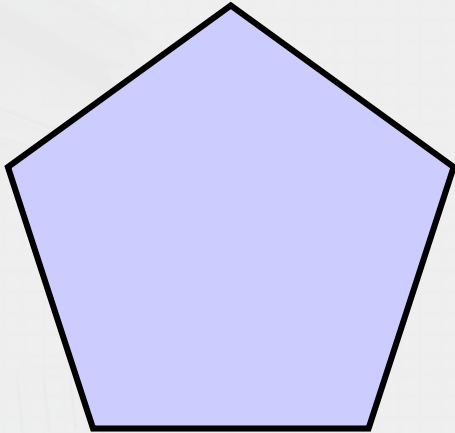
**Explain what is similar about these shapes.**



**Each shape is made up of one type of...**

## Reasoning 2

**Explain what is similar about these shapes.**



**Each shape is made up of one type of angle. The pentagon has all obtuse angles, the triangle has all acute angles and the square has all right angles.**