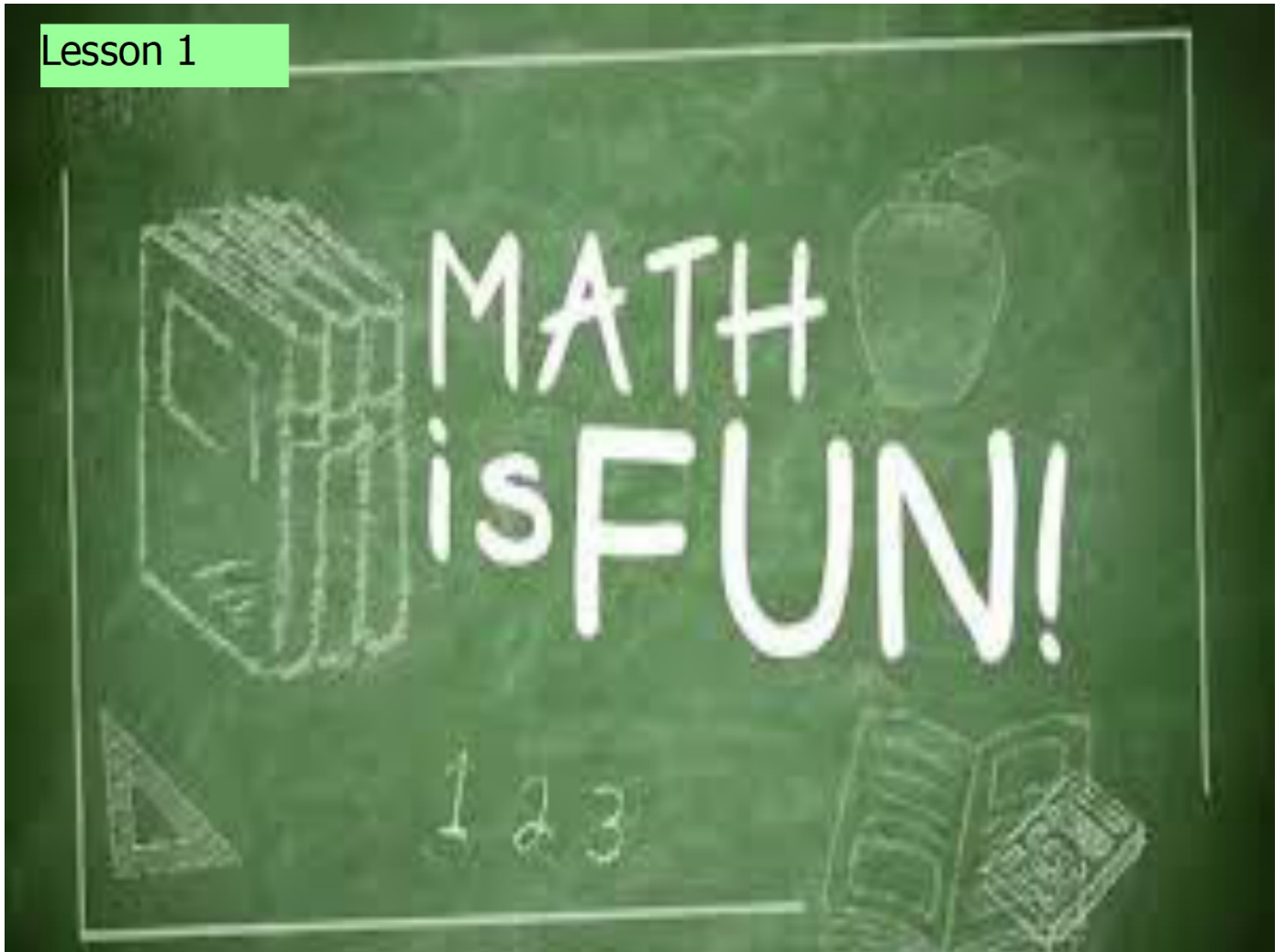


Lesson 1

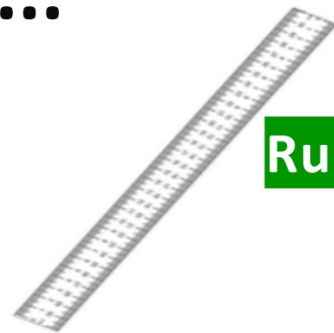


Lesson 1- Angles

You will need...



Pencil



Ruler



Paper



11.01.2021

LI: To identify different types of angles and identifying $><=$ right angles.

Success Criteria

I can identify angles as acute or obtuse

I know an angle is acute if it is less than 90 degrees

I know an angle is obtuse if it is greater than 90 degrees.

I can identify how many acute, and how many obtuse angles there are in quadrilaterals.

Key Vocabulary

Key vocabulary

Right Angle
Obtuse
Acute
Reflex
Quadrilateral



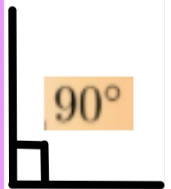
I am Mr Obtuse. I am bigger than Mrs Right and baby Acute. I'm always inside and I measure between 90 and 180 (Depending on how much dinner he's had)



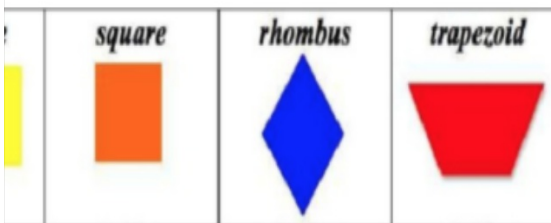
This is Reflex. He's always outside. He's only a pup at the moment so he measures 180 degrees but can grow up to 360! So he's definitely the biggest angle.



I'm Mrs Right. I always measure 90 , My favourite shape is a square and whats more, no matter what my husband tells you. I'm Always right!



Quadrilateral- means shapes that have four sides.



Hello everyone! I am baby acute. I love giving hugs and always have my arms out for cuddles. I am the smallest of the family measuring less than 90 degrees.

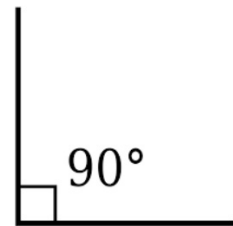
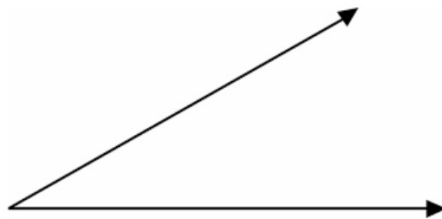
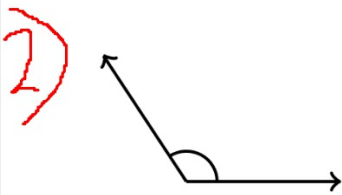


Starter

1) How many degrees are there in a right angle?

Draw an acute/obtuse angle.

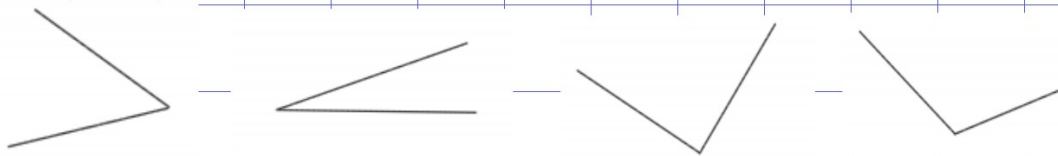
Estimate the size of the angle.



Which angles are shown? How do you know?

Model:

1. Identify the angles.

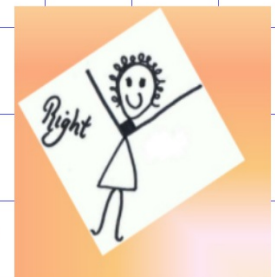
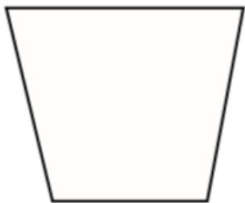


Obtuse- Between 90 and 180

- 2. a) 145 degrees = _____ angle
- b) 17 degrees = _____ angle
- c) right angle = _____ degrees



3. Identify the angles within the quadrilateral.



4. Compare these angles using $<=>$



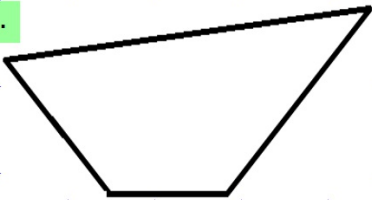
Right Angle- 90 degrees

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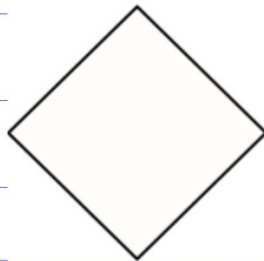
LI: To identify different types of angles and identifying $> < =$ right angles.

Check it: Identify the angles in each shape

1.



2.

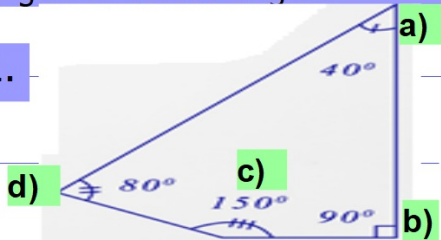


SC:

- I can identify angles as acute or obtuse.
- I know an angle is acute if it is less than 90 degrees.
- I know an angle is obtuse if it is greater than 90 degrees.
- I can identify how many acute, and how many obtuse angles there are in quadrilaterals.

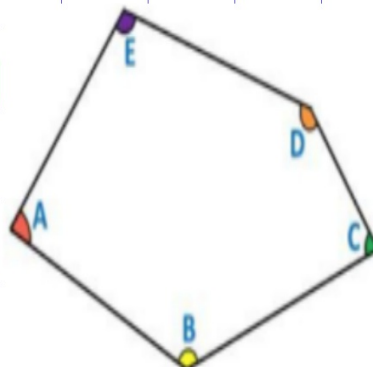
Think it: Identify the angles in each shape and explain how you know whether they're acute angles, right angles or obtuse angles.

1.

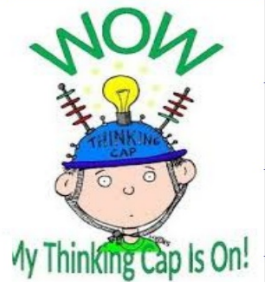


Master it: True or False

- 1) $E < D$
- 2) $A = E$



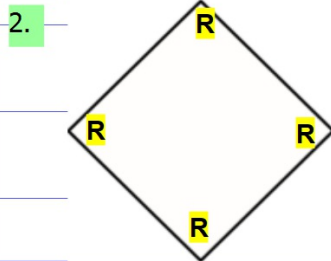
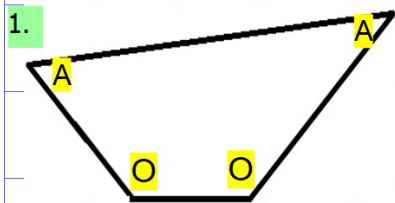
Which of the following statements is false?



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LI: To identify different types of angles and identifying $> < =$ right angles.

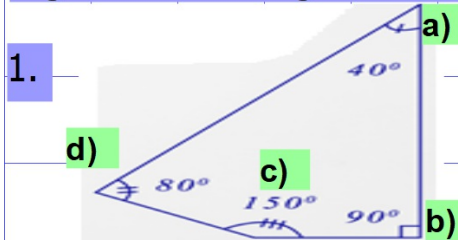
Check it: Identify the angles in each shape



SC:

- I can identify angles as acute or obtuse.
- I know an angle is acute if it is less than 90 degrees.
- I know an angle is obtuse if it is greater than 90 degrees.
- I can identify how many acute, and how many obtuse angles there are in quadrilaterals.

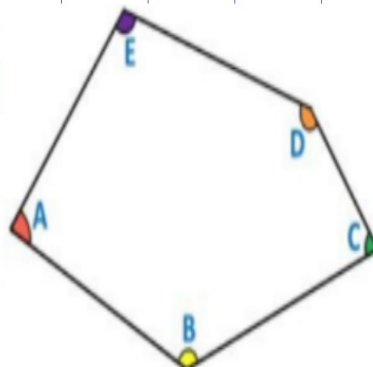
Think it: Identify the angles in each shape and explain how you know whether they're acute angles, right angles or obtuse angles.



- A- Acute because it is less than 90 degrees
- b- Right Angle- It's 90 degrees
- c- Obtuse- Greater than 90 degrees
- d- Acute- Less than 90 degrees

Master it: True or False

- 1) $E < D$
- 2) $A = E$



Which of the following statements is false?

- 1) True
- 2) False