

Name _____



Someone has been eating an apple and drawing a picture after each bite. The pictures have been scrambled. What is the real order of the pictures? Put a number on the apple to tell me where it goes in the order. Tell me why you chose the order.

Name _____



2 pm



1 pm



12 pm



11 am



10 am

EAST

WEST

This is a drawing someone made up for Hello, Sun.
How many different things can you
find wrong with this drawing?

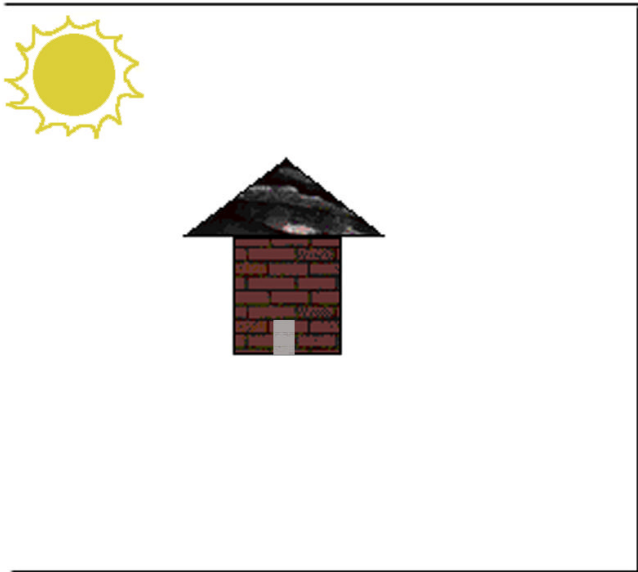
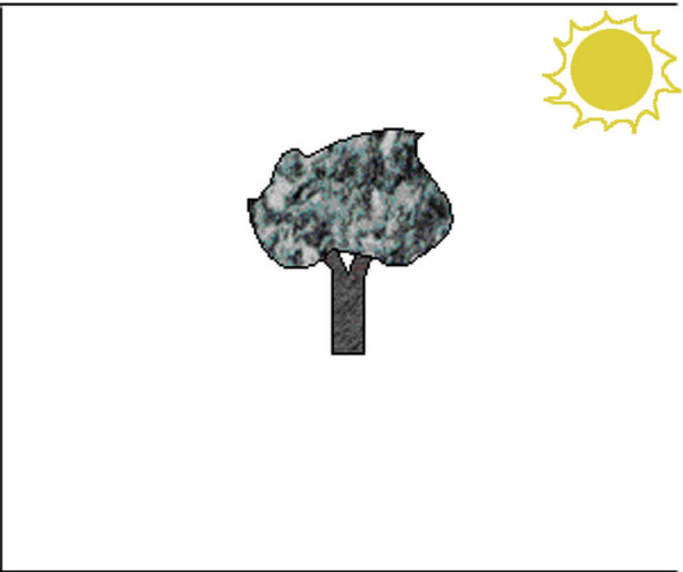


Where is the shadow?

NAME _____

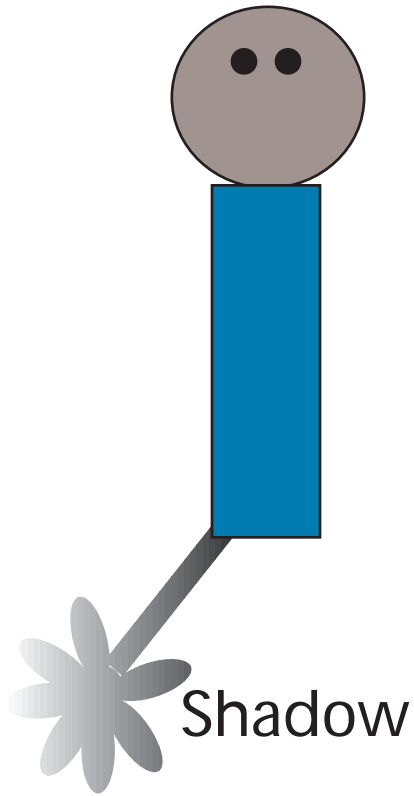
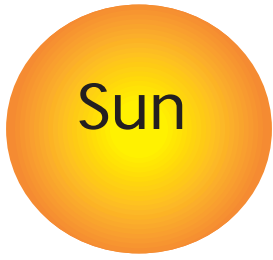
For the first two boxes, draw the shadow cast by the house or tree in the sunlight.

For the next two boxes, draw in your own Sun.

Then draw the shadow cast by the house or tree in the sunlight.

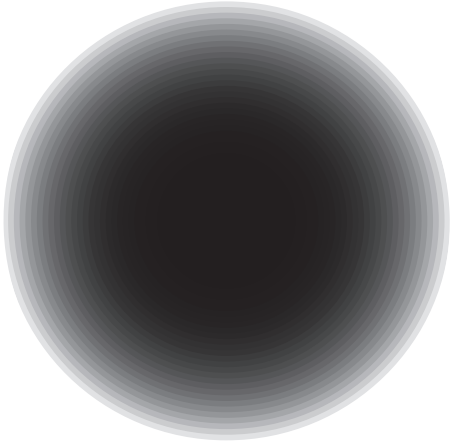
 <p>A yellow sun with rays is in the top-left corner. In the center is a house with a dark roof and a brick wall.</p>	 <p>A yellow sun with rays is in the top-right corner. In the center is a tree with a dark trunk and a bushy canopy.</p>
 <p>A tree with a dark trunk and a bushy canopy is in the center.</p>	 <p>A house with a dark roof and a brick wall is in the center.</p>

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What is wrong with this picture? Why?

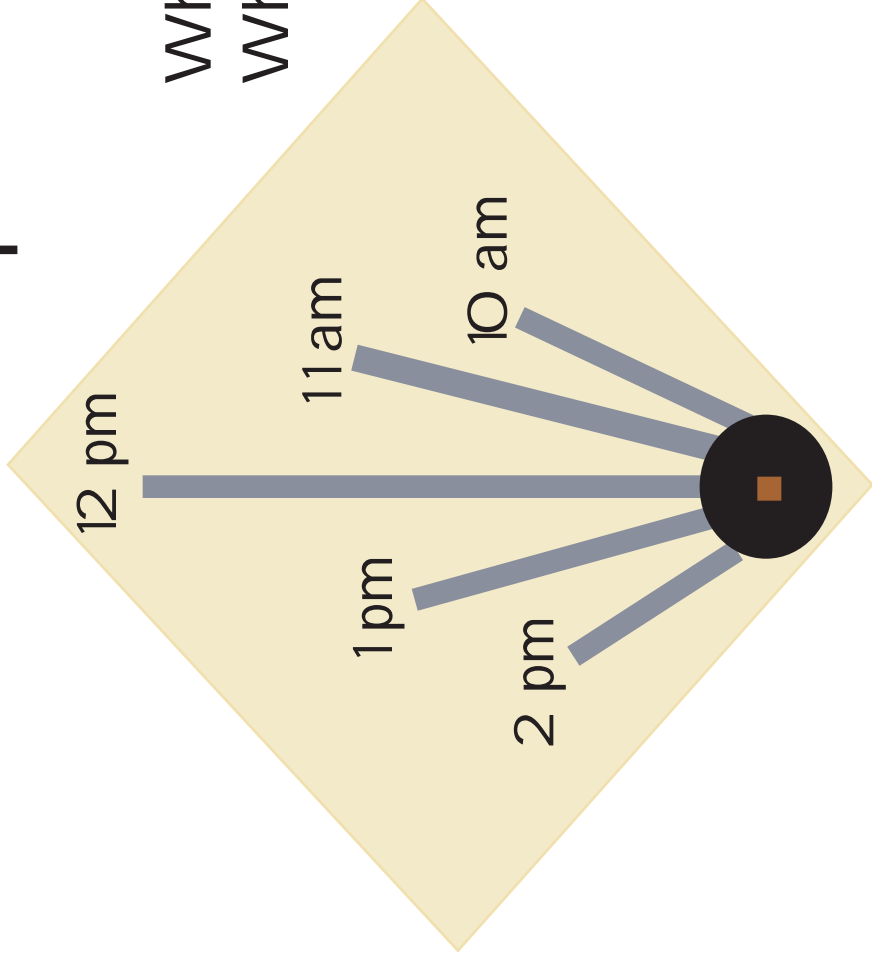
Name _____



Make this shadow appear below by using the shapes in front of you and a flashlight. How many shapes can make this shadow?
Why is this so?

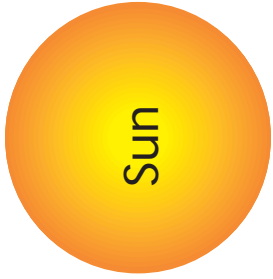
This is a Stickup!

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What is wrong with this picture?
Why?

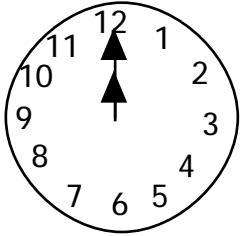
Name _____



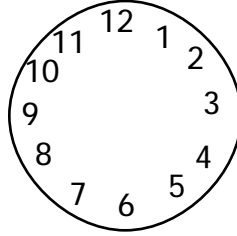
Draw in the shadow for each planet.



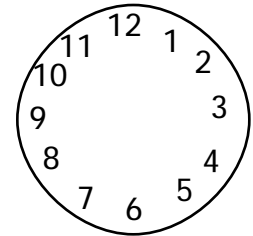
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12 Noon
Boston

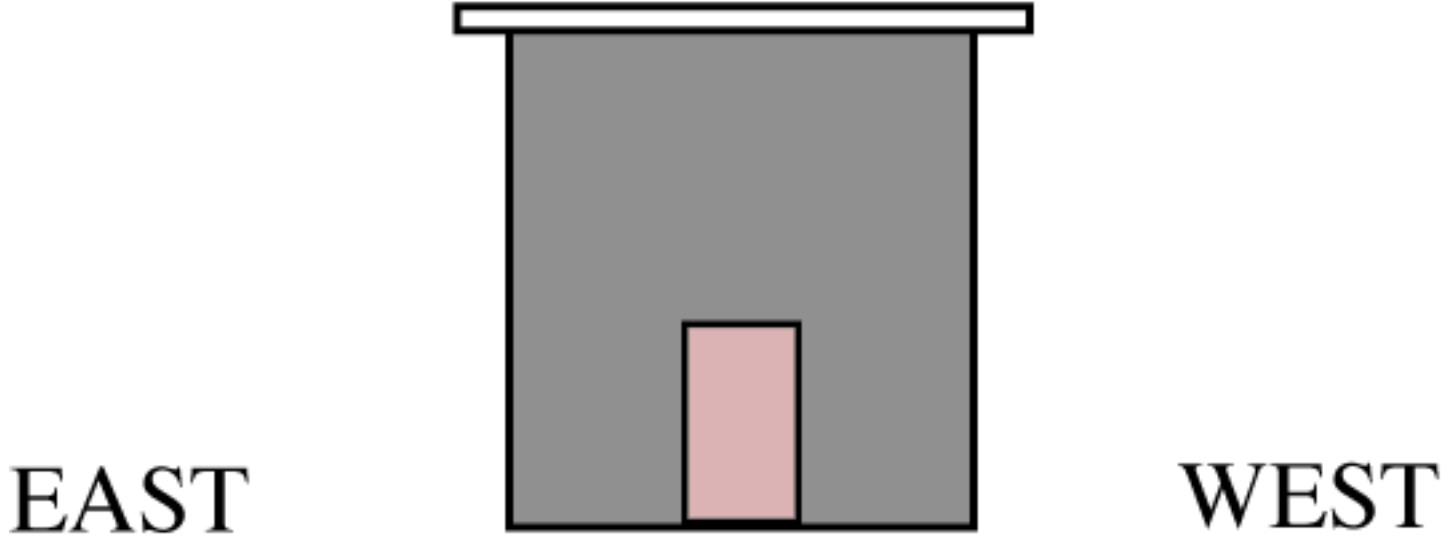


San Francisco



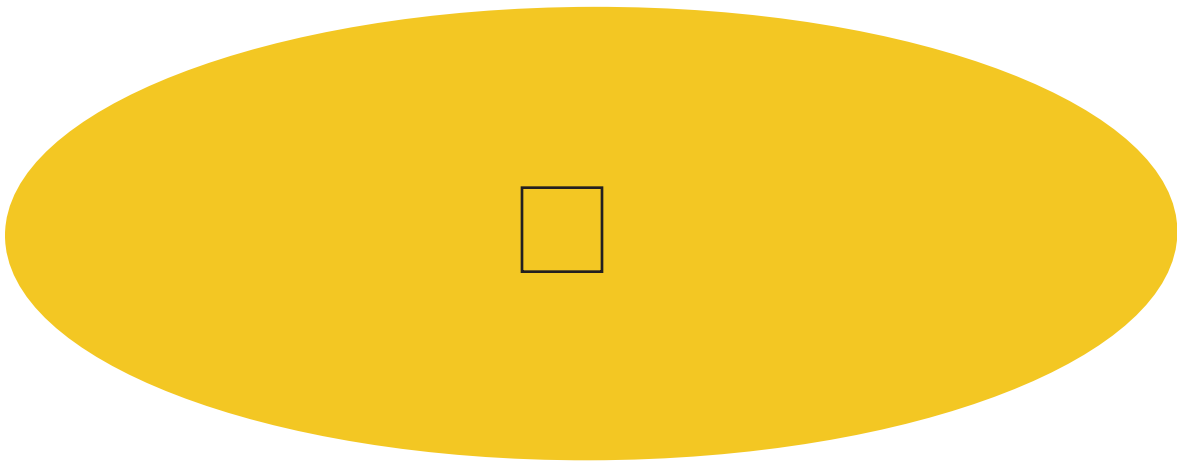
London

If it is 12 noon in Boston, Massachusetts,
what time is it in the other two cities?
Draw in the hands of the clock and write in
the time. Use the space below for your math.



In what ways would you change this roof to make the roof stay very warm most of the day? Why?

Name _____



Using a flashlight,
how can you make these shapes? Tell
me about the amount of light
hitting each square.

