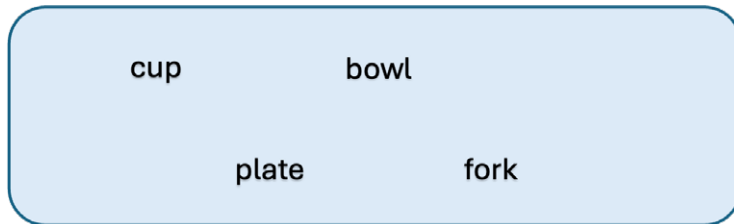
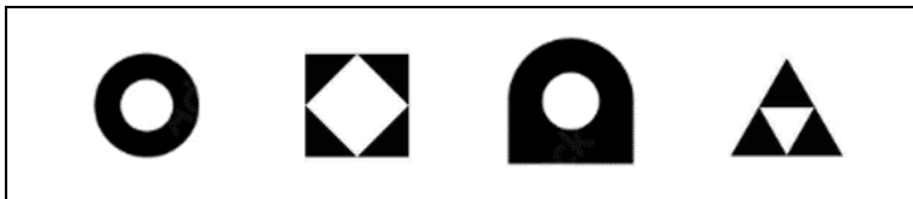



1. Find the odd one out:



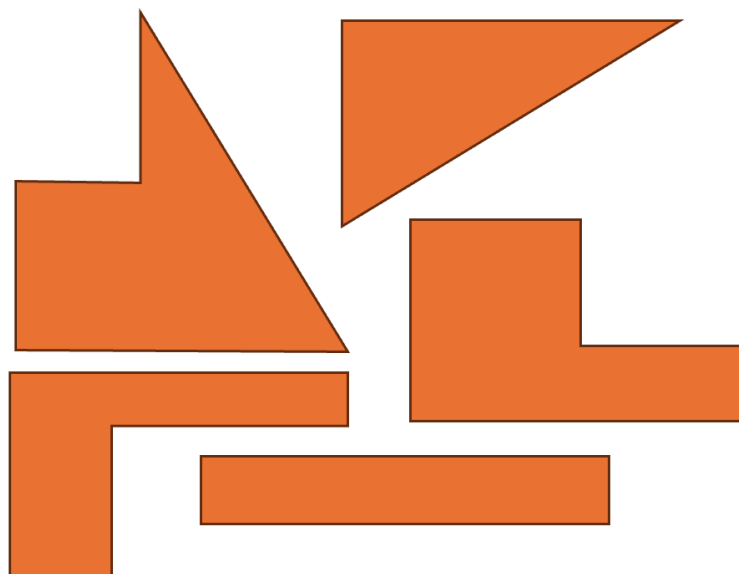
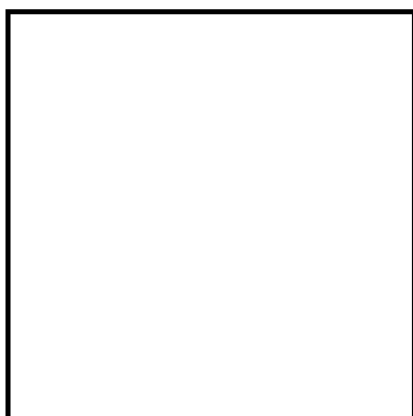
Answer: fork – it is a kitchen utensil, not crockery

2. Find the odd one out:

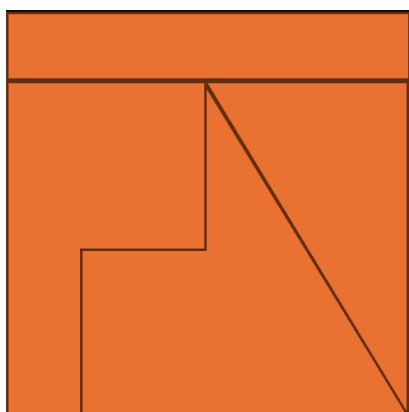


Answer:  this image does not have the same shape inside (and it has both straight and curved lines).

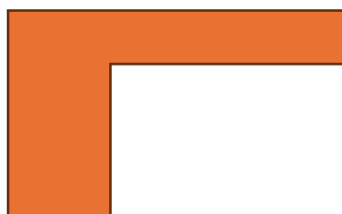
3. Which pieces fit together to make this square?



Answer:



Not needed:

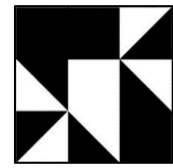
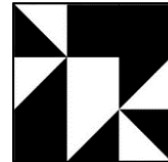


4. The height of six children in a class (Ben, Lily, David, Charvi, Winston, and Zina) were measured.
- Winston is taller than David.
 - Winston is shorter than Zina.
 - Lily is taller than Ben, but she is shorter than David and Winston.
 - Ben is not the shortest.

What is their order of height from tallest to shortest?



1. Which figure is symmetrical to this image?



Answer:



2. Five friends (Henry, Ian, Jasmine, Kirk, and Layla) are each allergic to something different: pollen, shellfish, severe bee stings, cats, or nuts.

- Ian can play with his kitten for hours without issue (or medicine).
- Henry has a food allergy.
- Jasmine's allergy is not related to animals.
- Kirk has seasonal allergies.

Can you figure out who is allergic to what?

Answer:

	Henry	Ian	Jasmine	Kirk	Layla
pollen	x	x	x	✓	x
shellfish	✓	x	x	x	x
bee stings	x	✓	x	x	x
cats	x	x	x	x	✓
nuts	x	x	✓	x	x

Henry is allergic to shellfish.

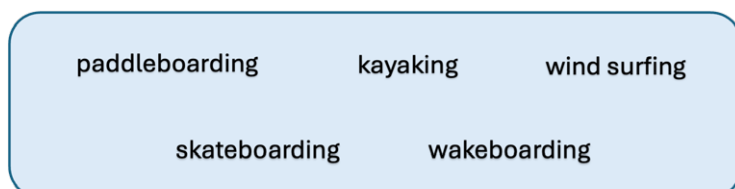
Ian is allergic to bee stings.

Jasmine is allergic to nuts.

Kirk is allergic to pollen.

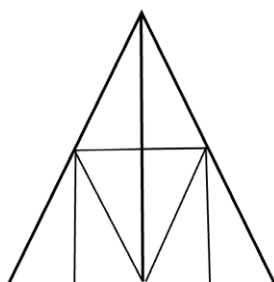
Layla is allergic to cats.

1. Find the odd one out:

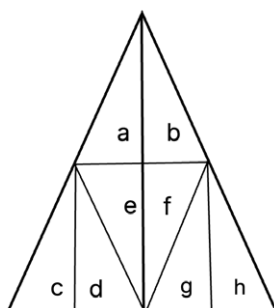


Answer: skateboarding – all others are water activities/sports

2. How many triangles in this figure?



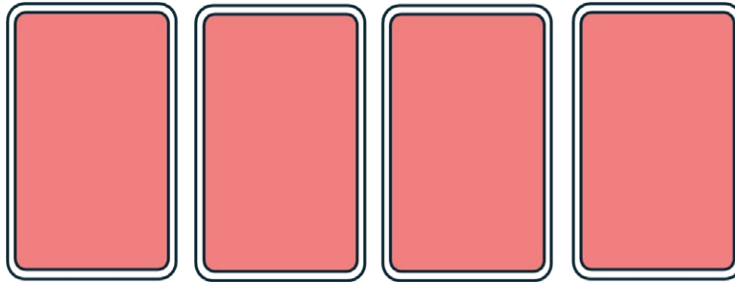
Answer: 17



Triangles: a, b, c, d, e, f, g, h,
ab, ae, bf, ef, cd, gh
acde, bfg, h,
abcde, fgh

Galileo's Gang Senior sample questions and answers

3. There are four playing cards, one of each suit, placed face down. They are a four, a five, a six and a seven.
- The cards on either side of the six are black.
 - The spade is to the left of the diamond.
 - The club is to the right of the five, but not next to it.
 - The middle two cards add up to an even number. Neither of them is a club.



Answer:

