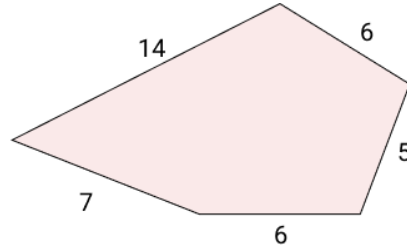


## Beginner Circle, Home Problems 6

- Remember, the perimeter is the length around a shape.

Find the perimeter of the shapes below.



- Tina planted several flowers along a path. The red rose is in the middle and the 9<sup>th</sup> from the beginning of the path. How many flowers did Tina plant?

- Which number is covered by the flower?

$$\bigcirc + \triangle = 15$$

$$\triangle + \triangle = 18$$

$$\triangle + \square = 13$$

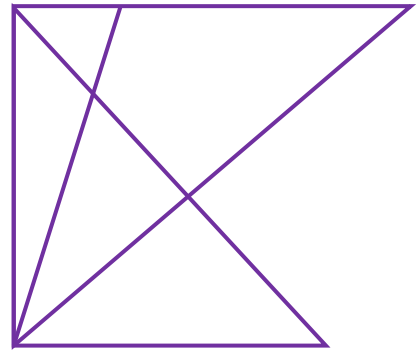
$$\bigcirc + \square = \text{flower}$$

- At a school's party Dan, Jack, and Ben each received a bag with 10 candies. Each of the boys ate just 1 candy and gave 1 candy to the teacher. How many candies did they have left altogether?

- The dog is 5 years older than the cat. The hamster is 6 years younger than the horse. The horse is 2 years younger than the dog. Rank the animals from youngest to oldest and find the difference in their ages.



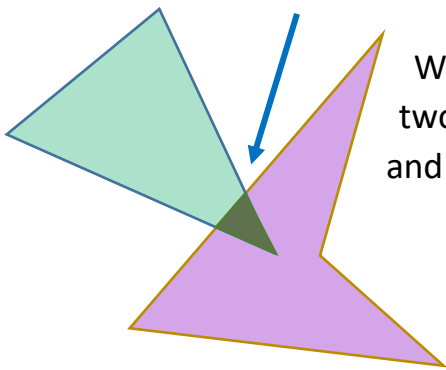
6. How many triangles are there on the picture?



7. Peter and Tim have two boxes of candy, with 15 candies in each box. Tim ate some from his box. Peter opened his box and ate as many candies as was left in Tim's box. How many candies are there now in two boxes together?



8. Bella has two pieces of stained glass. She puts one piece on top of the other. That's how she can make a triangle of a new color, by intersecting her glass pieces.



What other shapes of new color can Bella make when she puts two pieces of glass together? Use the shape cutouts to find out and draw your answers.

9. A pirate has two chests. There are 10 coins in the left chest and the other is empty. Starting tomorrow, the pirate will put 1 coin in the left chest and 2 coins in the other one every day. In how many days will it take till the chests have the same number of coins?

