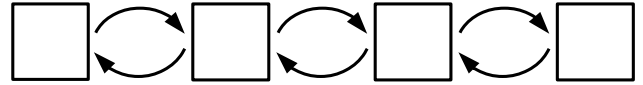


Lesson № 28

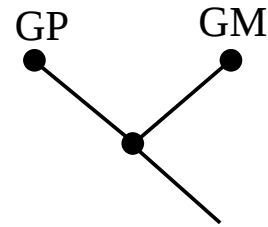
1 Math challenge:



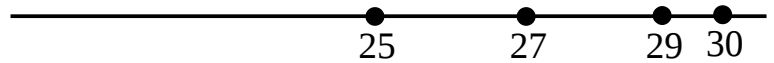
A. Parents have left some candies for their three kids. They asked the brothers to share the candies fairly. Mike came home first, took $\frac{1}{3}$ of the candies and left. Nick came home second, took $\frac{1}{3}$ of the candies he saw, and also left. Alex came home last and took $\frac{1}{3}$ of the remaining candies. There were 8 candies left. How many candies did the parents leave for their kids?



B. During a family gathering several people were present. There was one grand father, one grandmother, two fathers, two mothers, two sons, two daughters, one grandson, and two granddaughters. How many people were present at the family gathering?

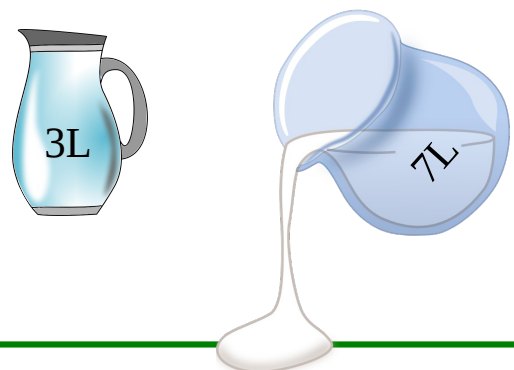


C. A robot can move along a rail. It can move either 5 positions to the right or 3 positions to the left. Right now it is located at position 25. Help him to move to position ...



- ... 27;
- ... 29;
- ... 15.

D. A market stand sells milk. There are 3L and 7L measures in the stand. A customer comes and asks to sell him exactly 1L of milk. How is it possible to measure 1L using 7L and 3L measures?



2

Use a compass to find all points located ...

- a). ... 2 cm from point A **AND** 4 cm from point B;
- b). ... 3 cm from point A **AND** 6 cm from point B;
- c). ... 4 cm from point A **AND** 8 cm from point B;
- d). ... 5 cm from point A **AND** 10 cm from point B;
- e). ... 6 cm from point A **AND** 12 cm from point B

•
A

•
B

Can you guess which shape do all these points belong to?