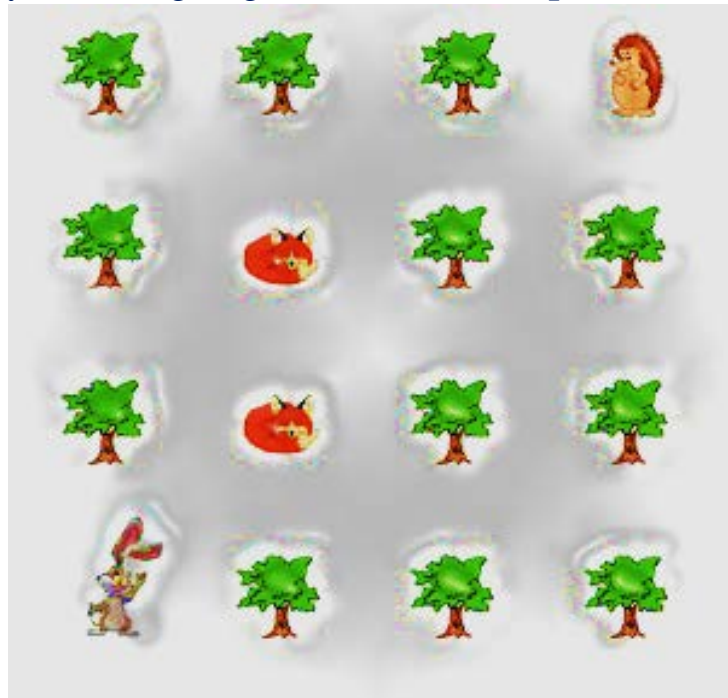


# Welcome Back Puzzles 2018-19



## Puzzle Contest 1 (K-5)

1. Hedgehog is going to visit her friend Rabbit. Hedgehog can go either left or down, but she needs to avoid the foxes hiding in the woods. In how many ways can Hedgehog reach Rabbit? **(40 pts.)**



2. This summer at camp five friends compete in a dart-throwing contest. Each one has two darts to throw at the same circular target, and each individual's score is the sum of the scores in the target regions that are hit. The score for the target regions are the whole numbers from 1 to 10. Each throw hits the target with a different value. The scores are

- Alex – 16 points
- Barry – 4 points
- Carl – 7 points
- David – 11 points
- Eugene – 17 points

Who hits the region worth 6 points? **(60 pts.)**

Solutions deadline is October 7

Please submit your solutions to [anna.charny@metrowestschool.com](mailto:anna.charny@metrowestschool.com) or bring them to the office