Jack's school is holding a fair to raise money for technology equipment. Jack has organised a game of chance.

A slater (woodlouse) crawls through a narrow maze in search of somewhere dark and damp to hide. People pay to guess which exit it will come out of.


1. a. Which exit is the slater most likely to come out of? Explain why.
b. Jack needs to provide prizes for winners and to make money out of his game. Suggest how much he could charge, how people would win, and how much they should win.
2. Jack's game was very popular, so after the fair, he made other mazes. Work out the chances of the slater coming out of the various exits.

3. Work out the chance of the slater coming out of each of the exits in these mazes:

