

Course: Mathematics of Data Management, MDM 4U

Instructor: Mr. C. Stewart

Welcome to ...



Pull

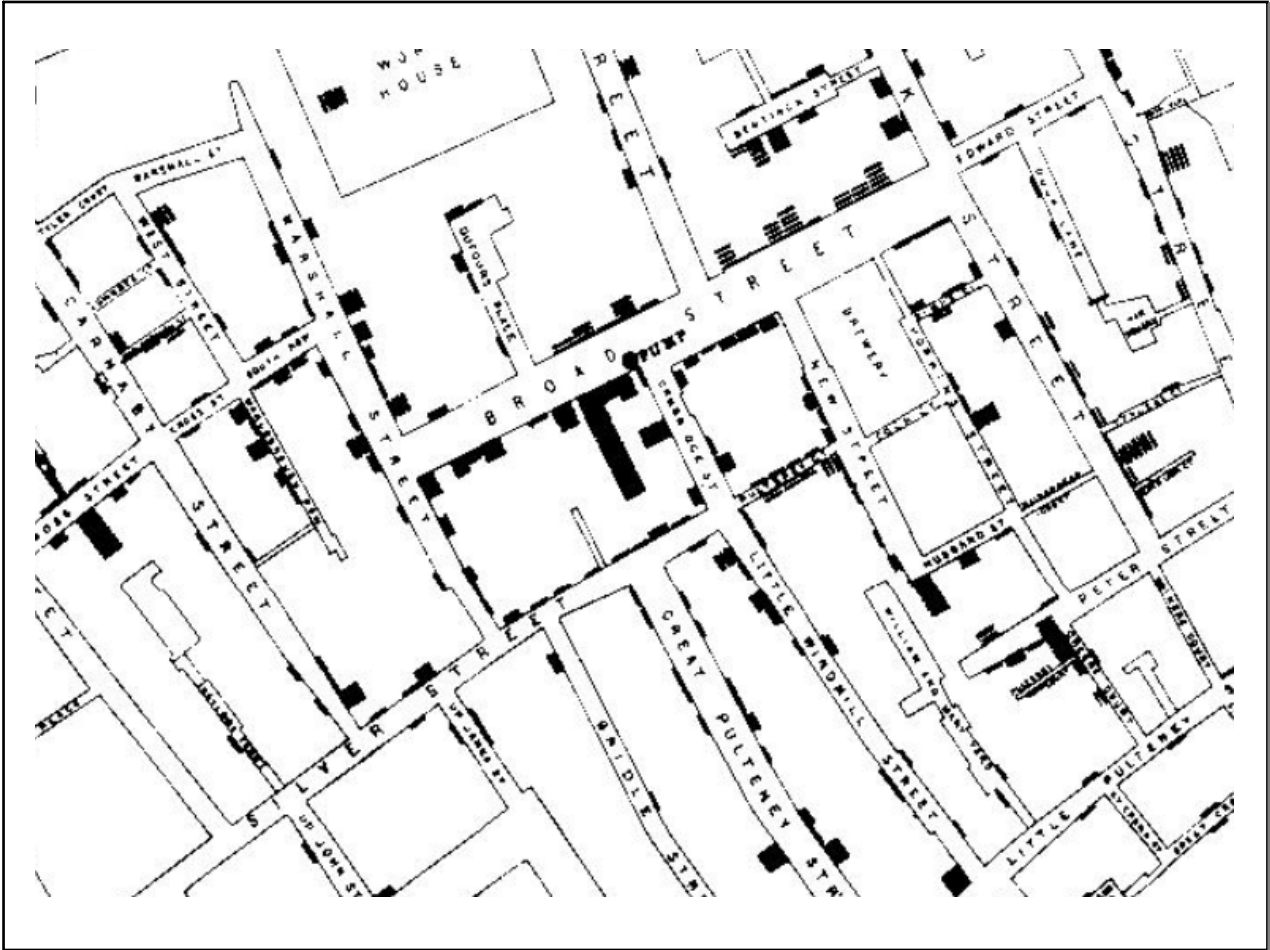
"Snow on Cholera"

-
-
-
-
-

Table 1.1. *Cholera deaths by water company, 1854.*

Company	Number of houses	Deaths from cholera	Deaths per 10 000 households
Southwark and Vauxhall company	40 046	•	•
Lambeth Company	26 107	•	•
Rest of London	250 243	•	•

Korner, *The Pleasures of Counting*



More on Abstraction ... From "The Price is Right"



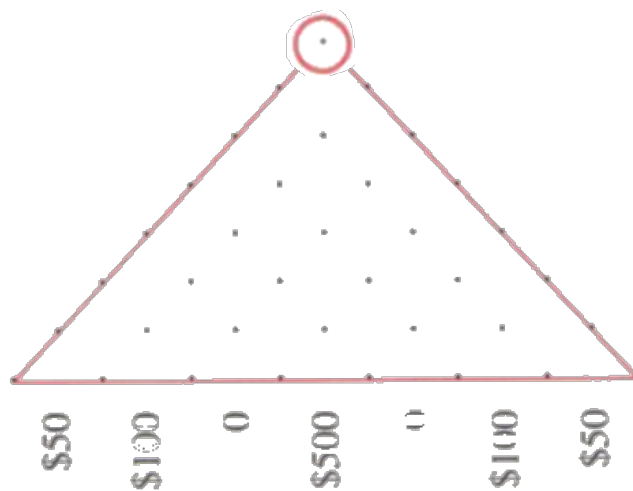
“PLINKO”



More on abstraction...

In the game illustrated, a disc is dropped from the top and the player is rewarded by an amount determined by where it lands at the bottom.

- (a) How many different paths will lead to a reward of \$100?
- (b) What is the total number of paths?



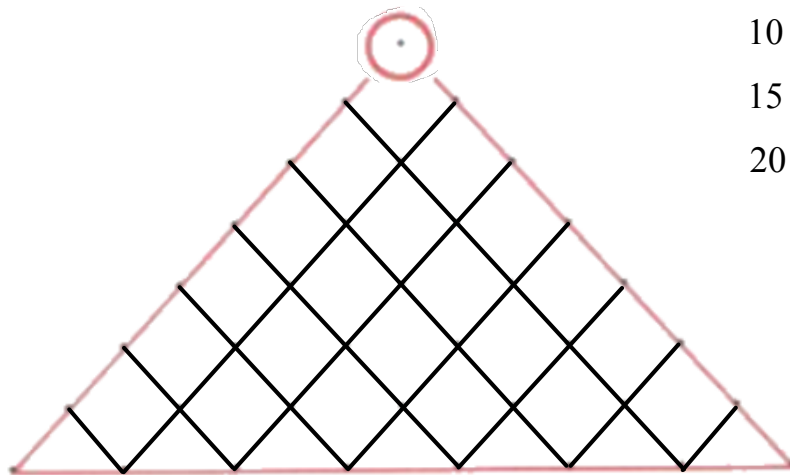
(c) What is the **probability** of being rewarded \$100 on a single drop of the disc?

Pull

Solution: (a), (b) & (c)



1
2
3
4
5
6



10
15
20

Pull

Attachments

Color reveal 1.galleryitem