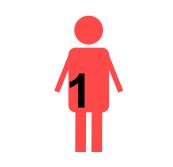
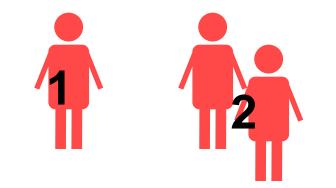
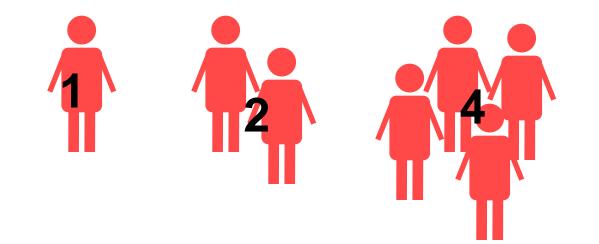
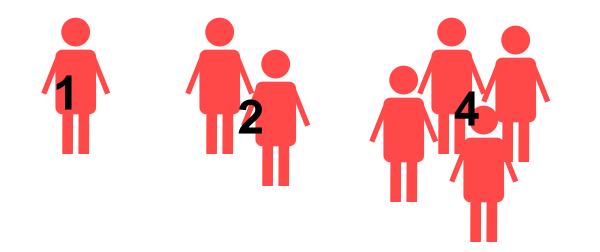
The Standing Disease

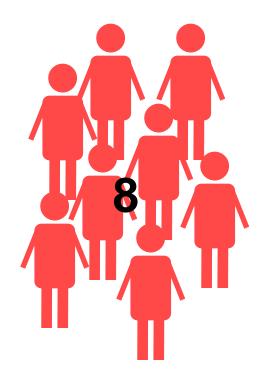


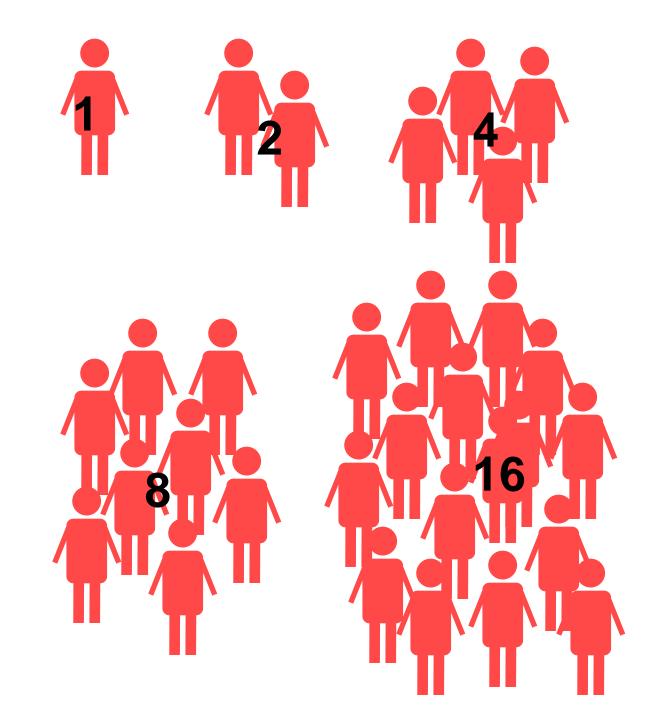


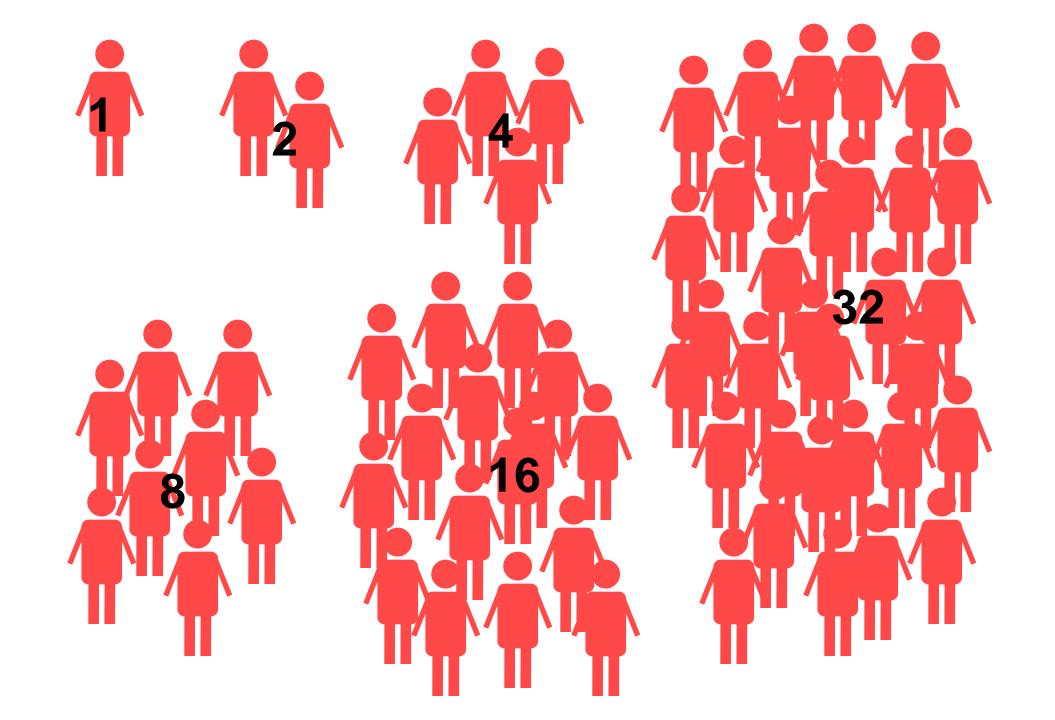












1	131,072	
2	262,144	
4	524,288	
8	1,048,576	
16	2,097,152	
32	4,194,304	
64	8,388,608	
128	16,777,216	
256	33,554,432	
512	67,108,864	
1,024	134,217,728	
2,048	268,435,456	
4,096	536,870,912	
8,192	1,073,741,824	
16,384	2,147,483,648	
32,768	4,294,967,296	
65,536	8,589,934,592	



"Eyebrows were raised when the Centers for Disease Control's model forecast 77 trillion cases if the epidemic went unchecked"

– Ben Cooper, 2006

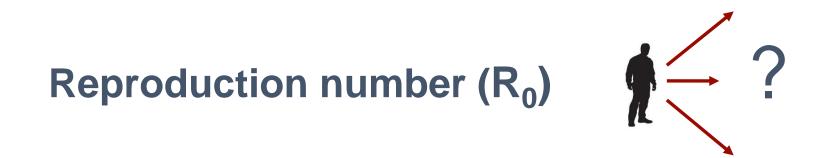


Definition: Average number of people an infected person infects at the start of an epidemic

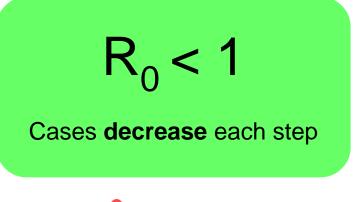


Definition: Average number of people an infected person infects at the start of an epidemic





R₀ measures how quickly an epidemic will take off...







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